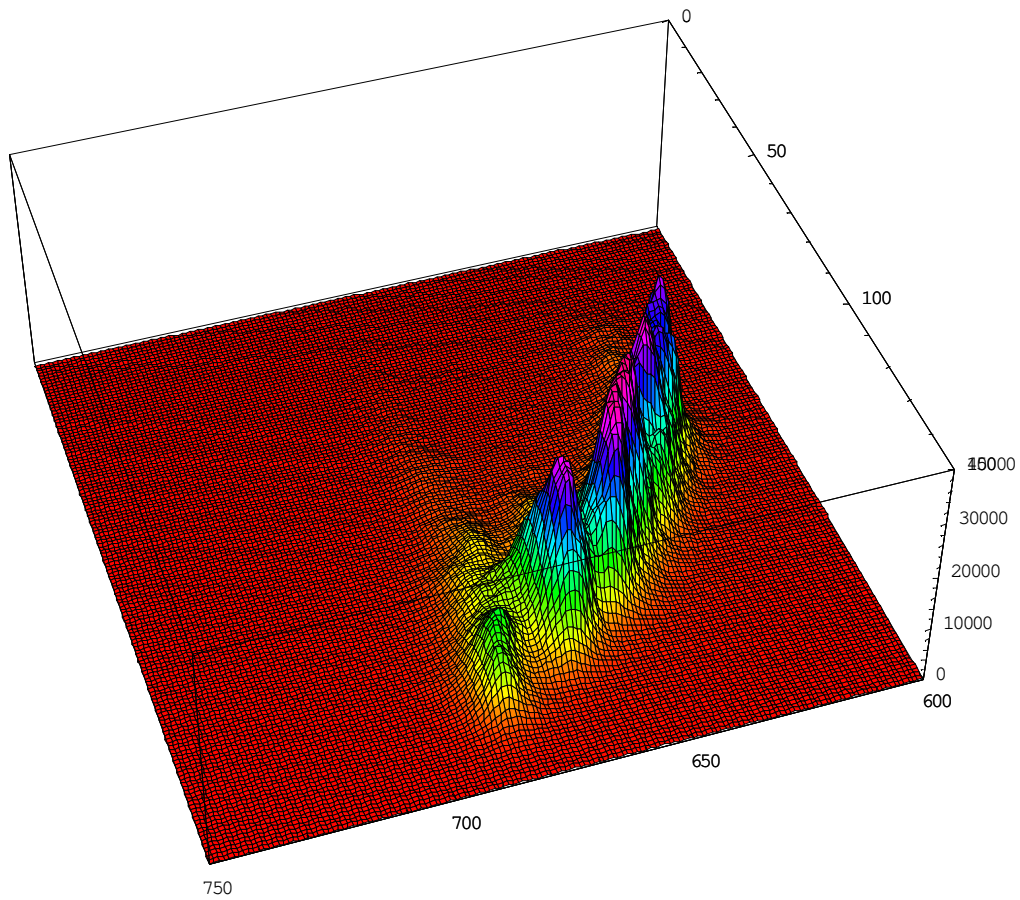


Data reduction (RMS)

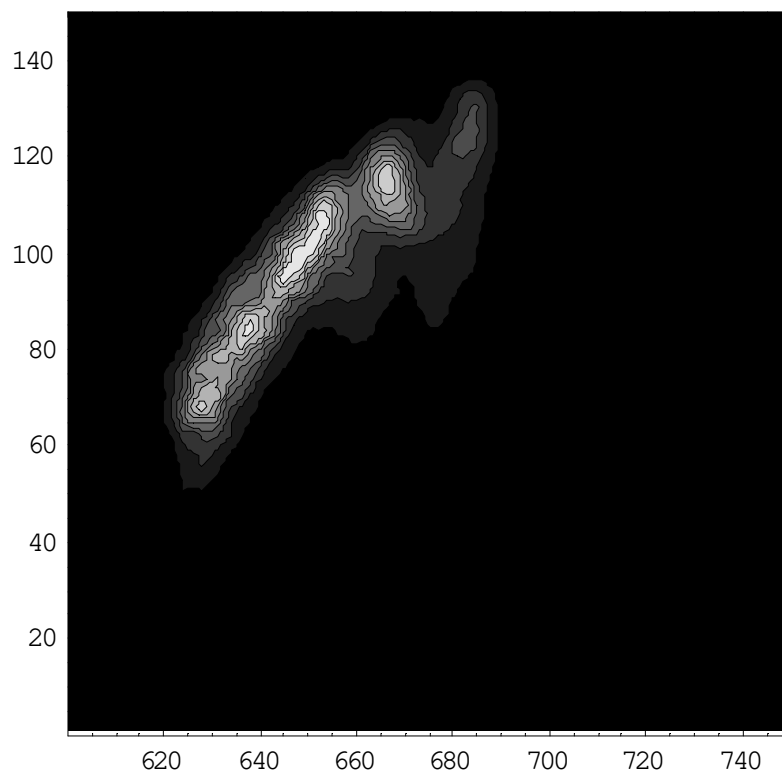
08-02-2008

A2 - ACHADA GRANDE

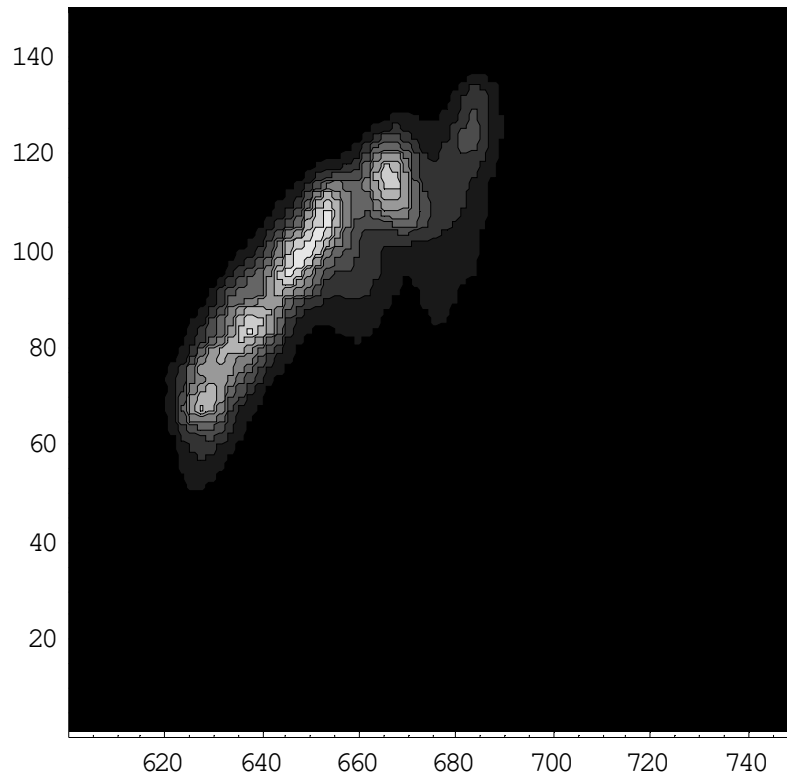
Trail 3D



Contour 1x1



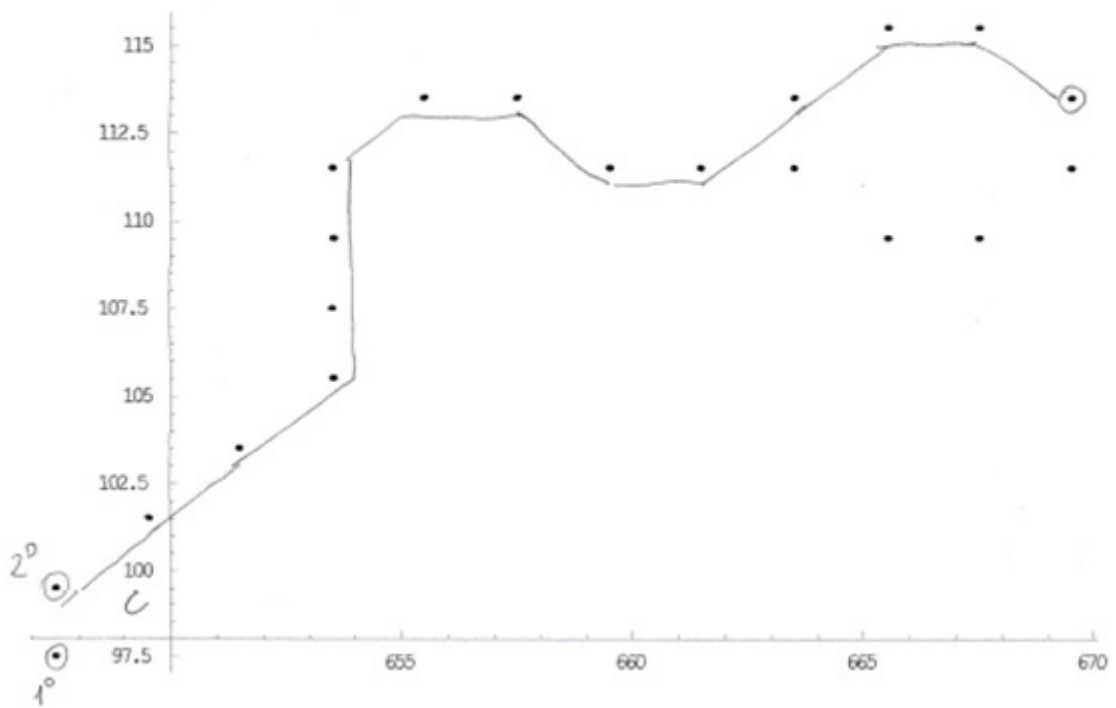
Contour 2x2

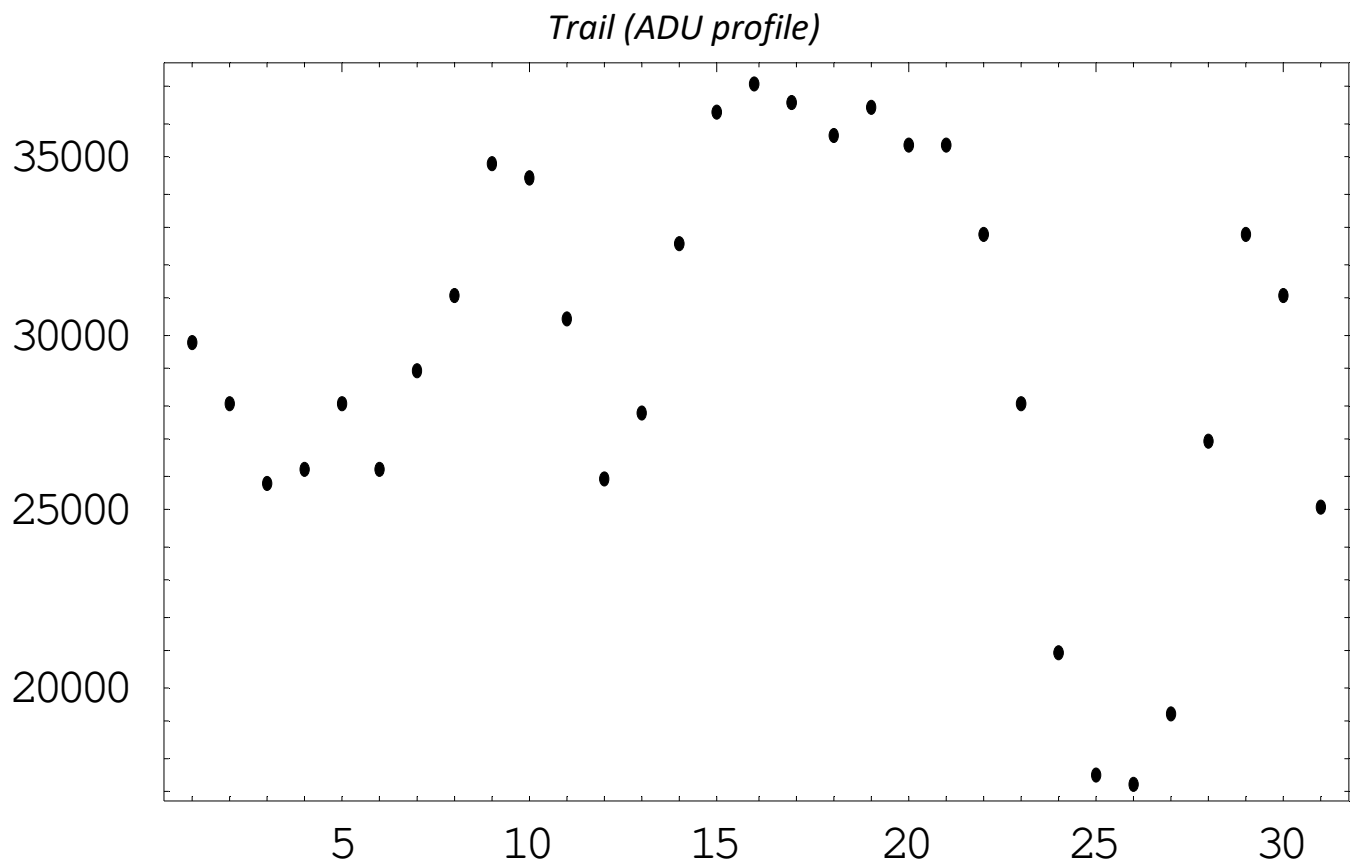
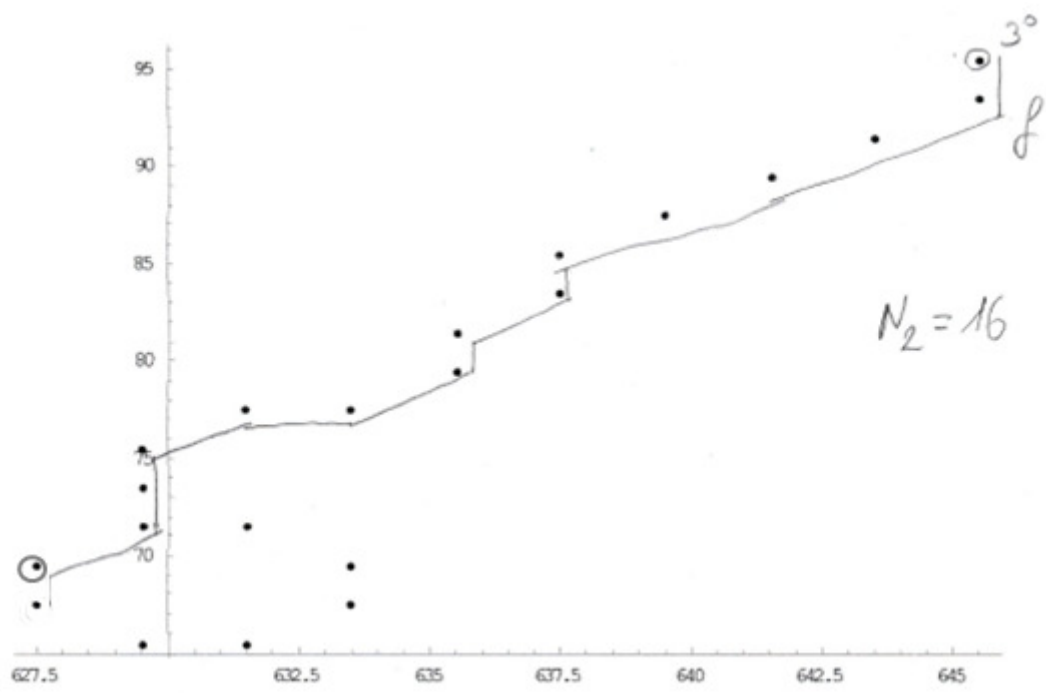


$c+f$ vectors

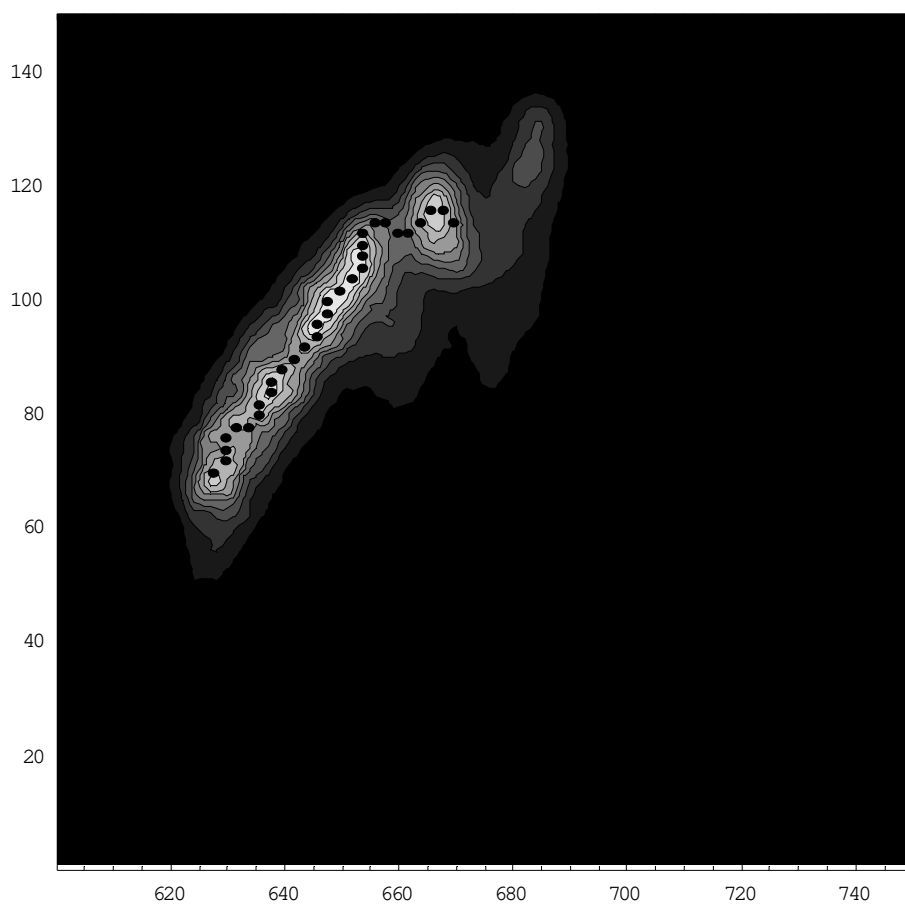
Achada Grande 08-02-2008

$N_1 = 15$

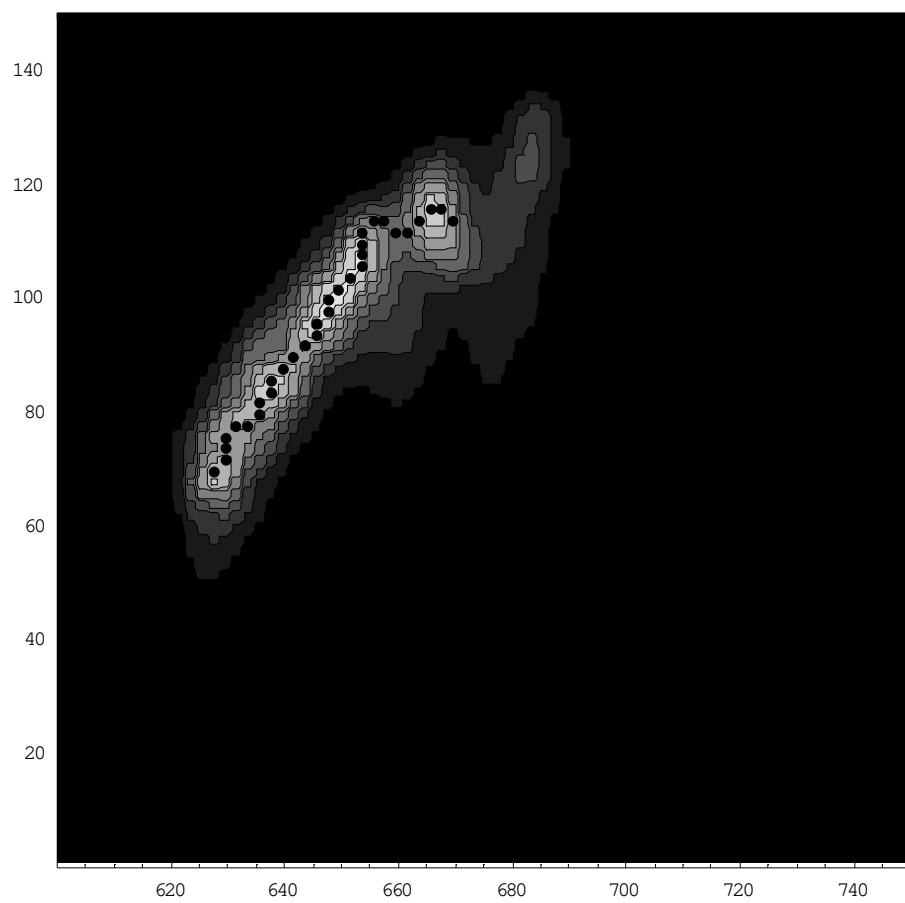


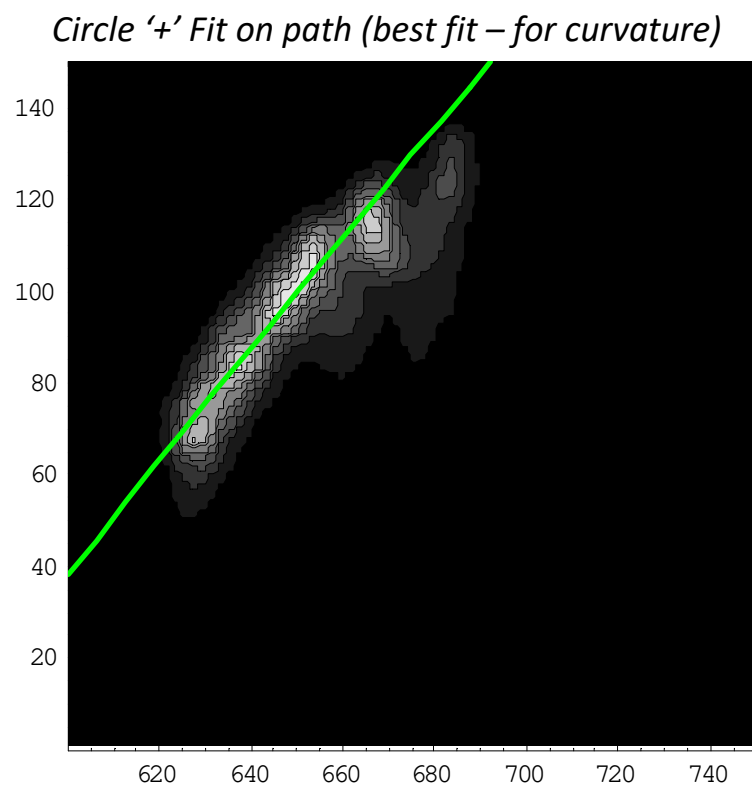
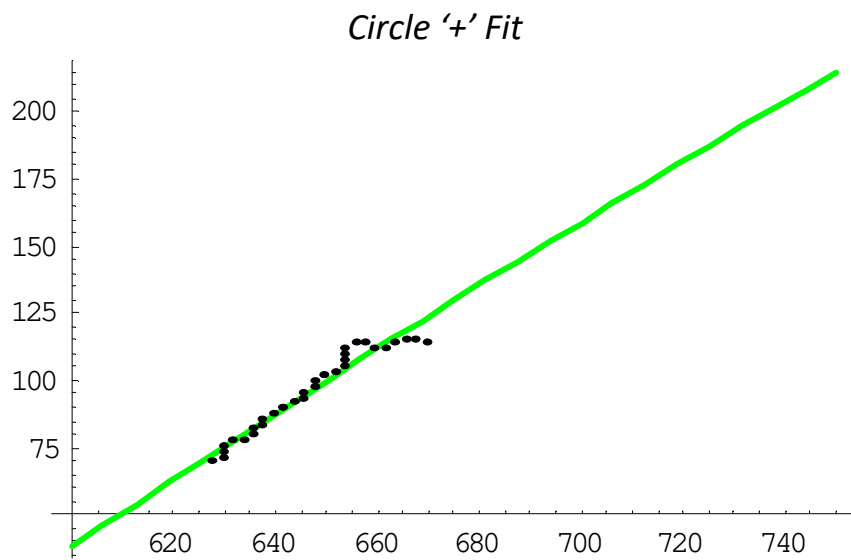
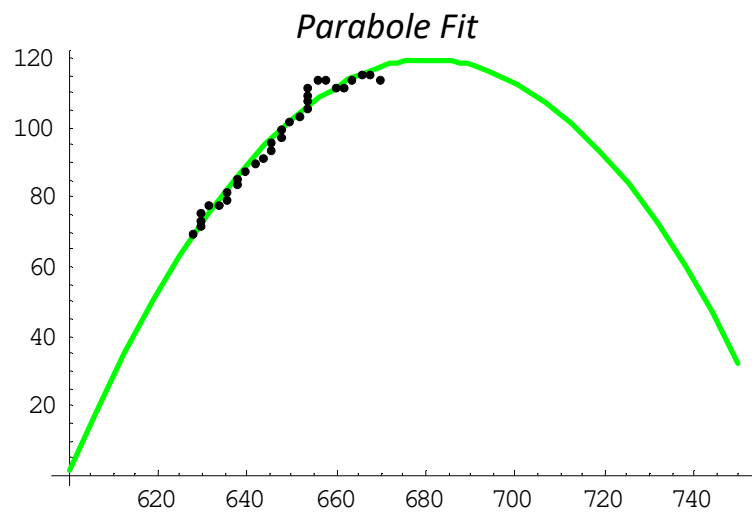


Trail + Contour 1x1



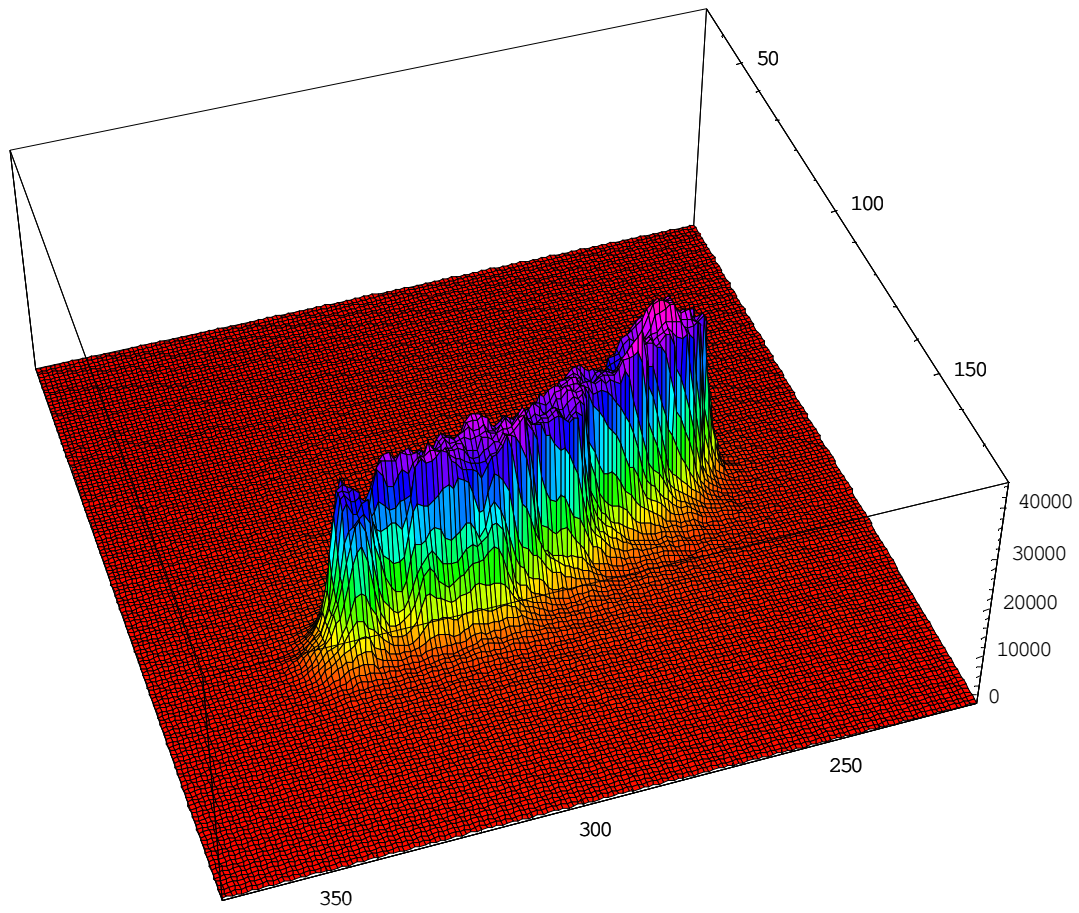
Trail + Contour 2x2



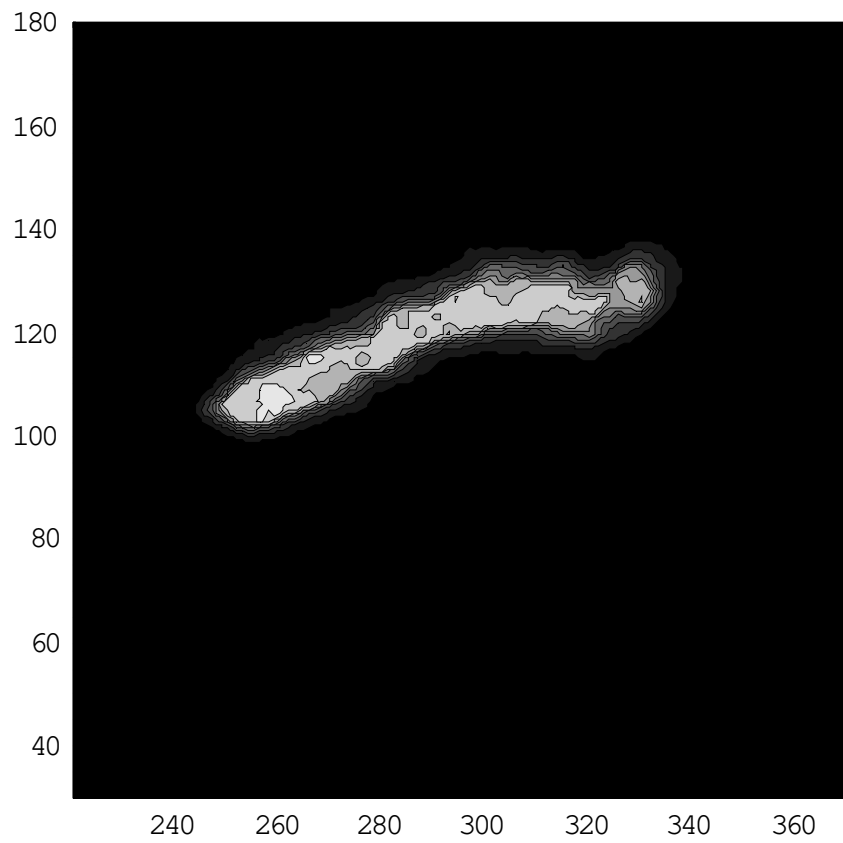


29-02-2008 A1 - JUNCAL

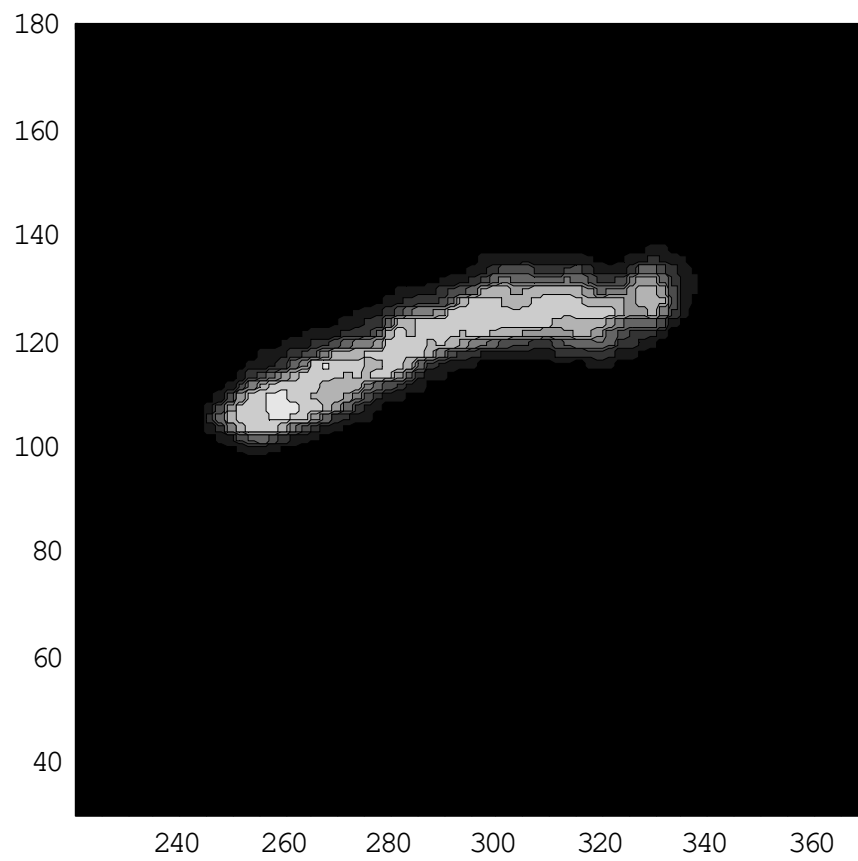
Trail 3D



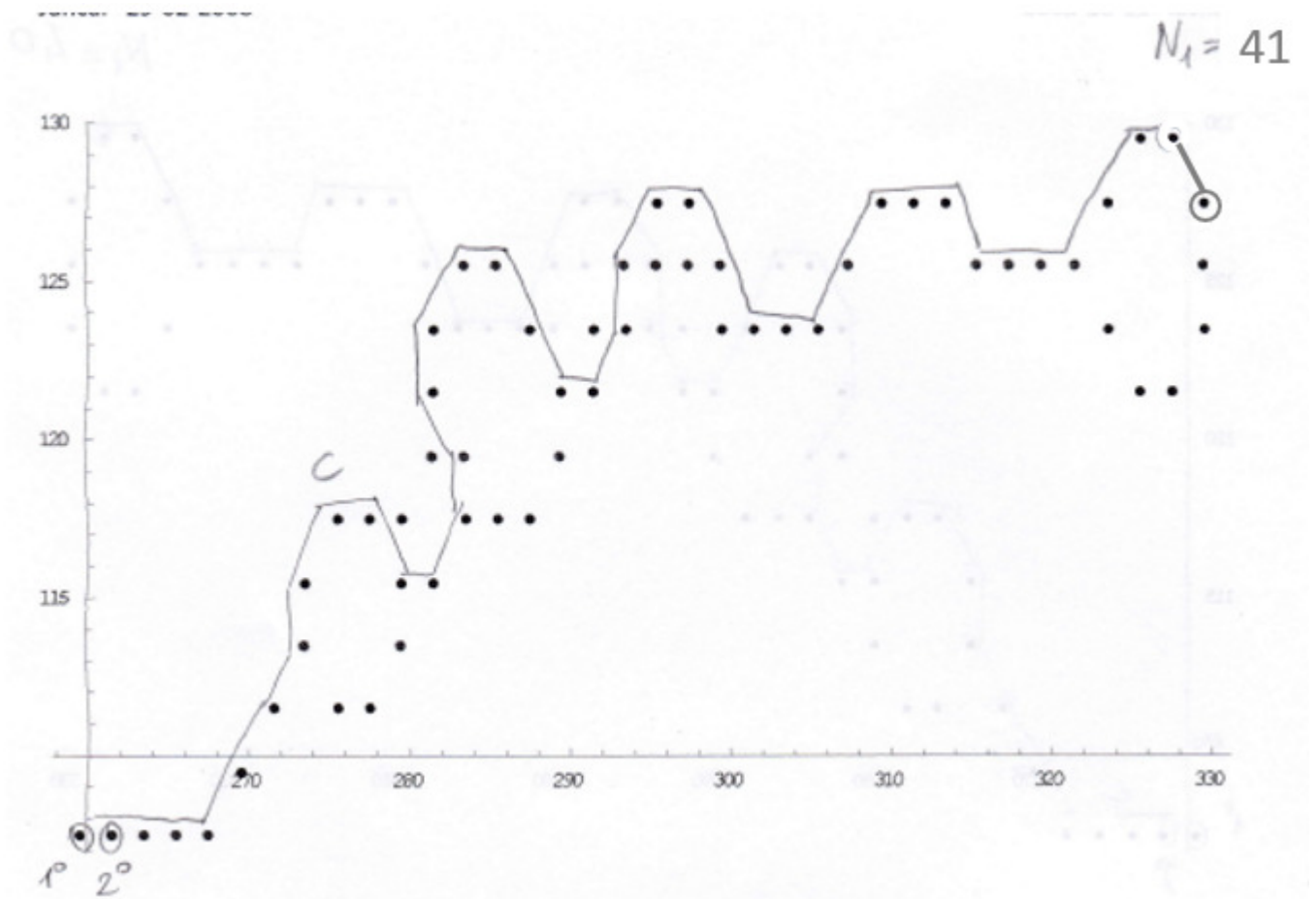
Contour 1x1

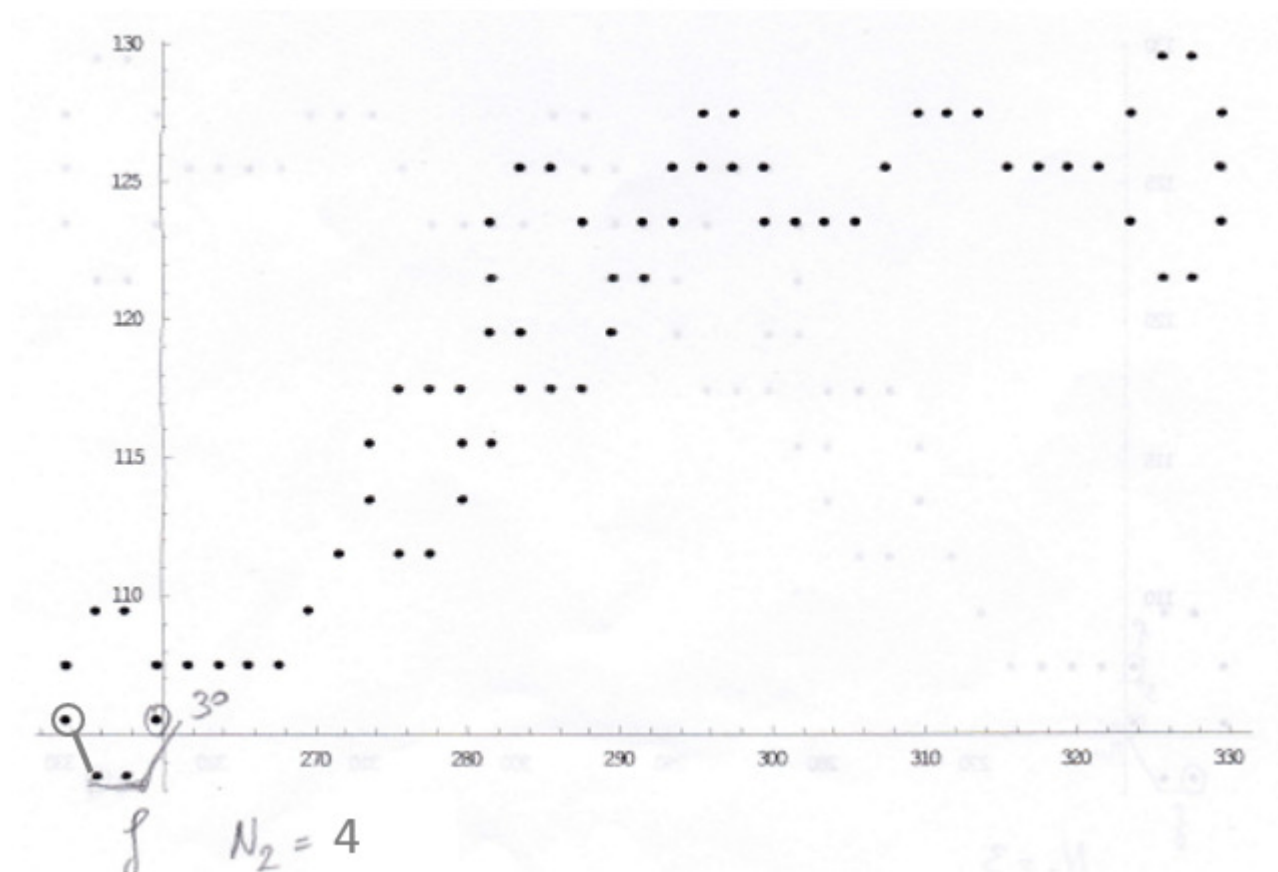


Contour 2x2

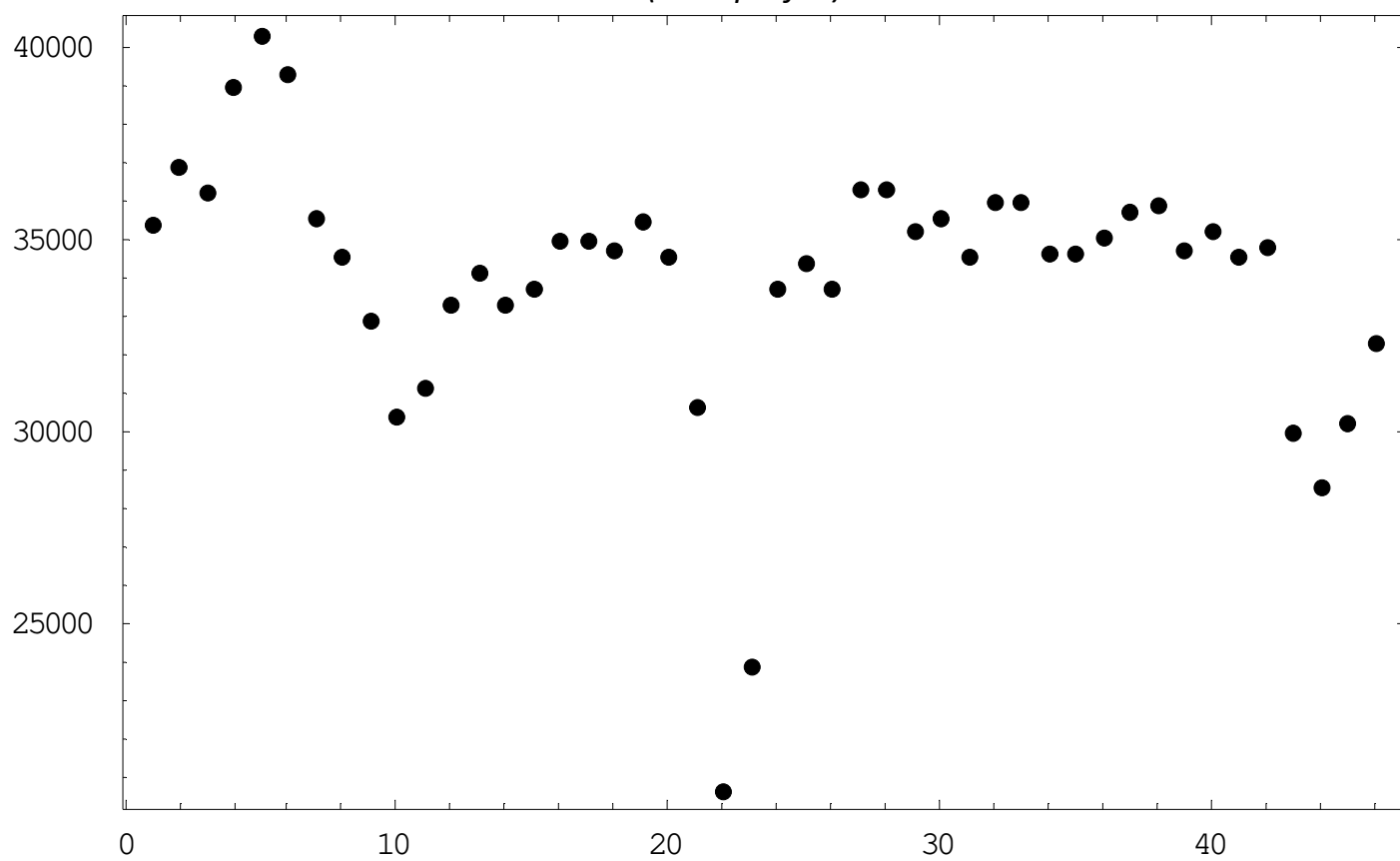


$c+f$ vectors

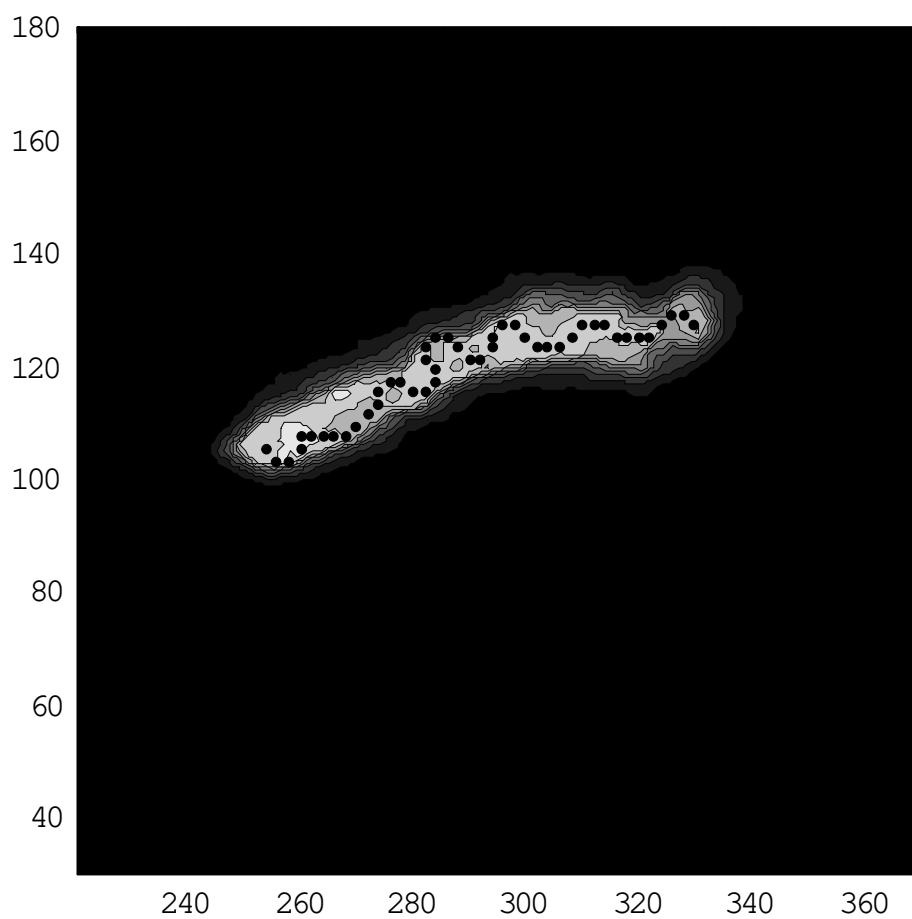




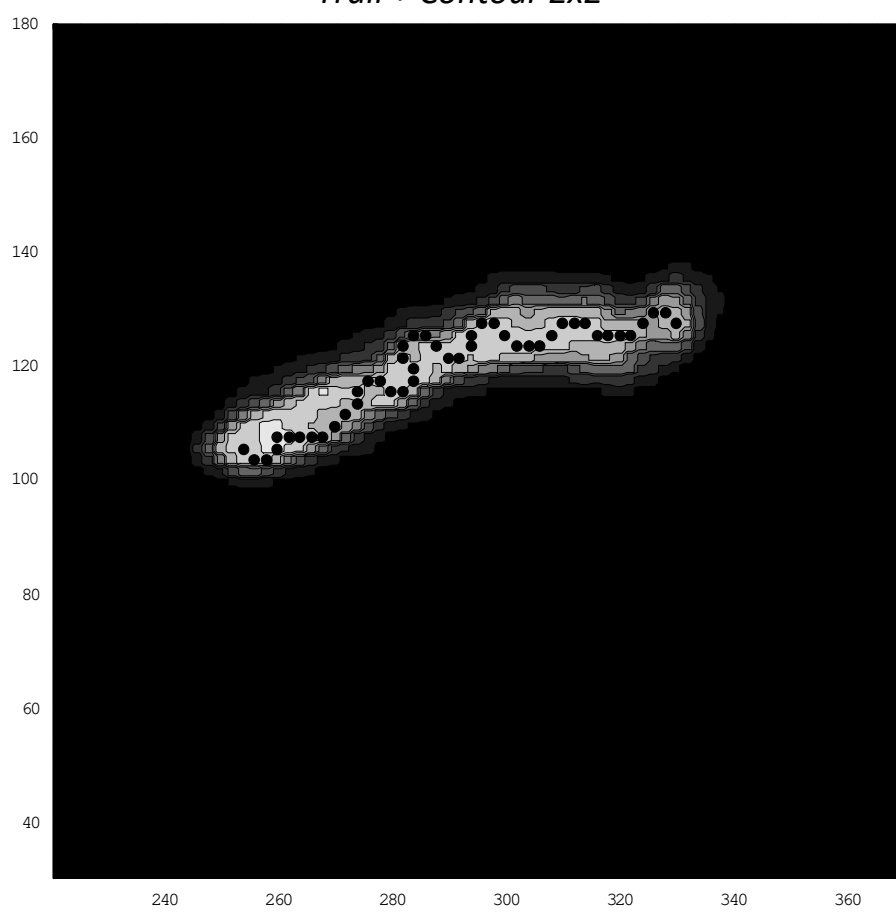
Trail (ADU profile)



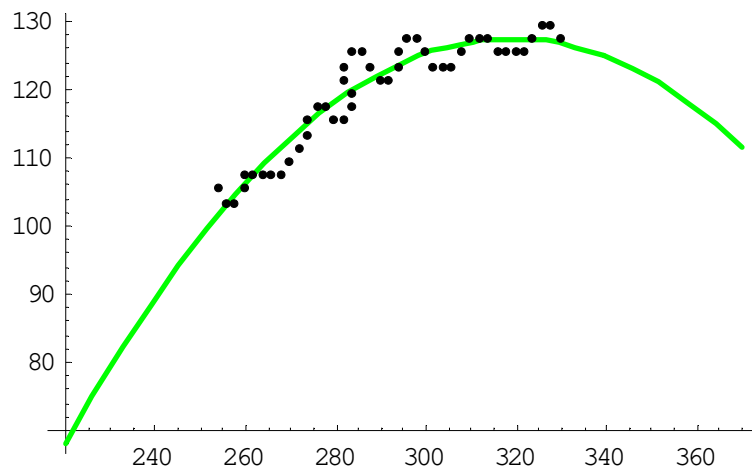
Trail + Contour 1x1



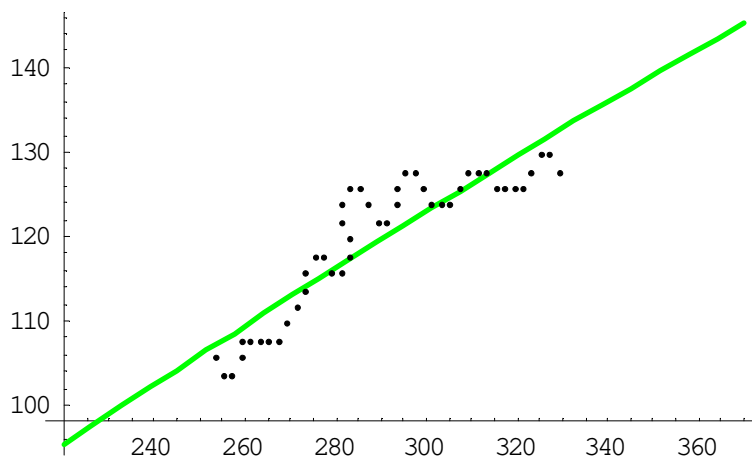
Trail + Contour 2x2



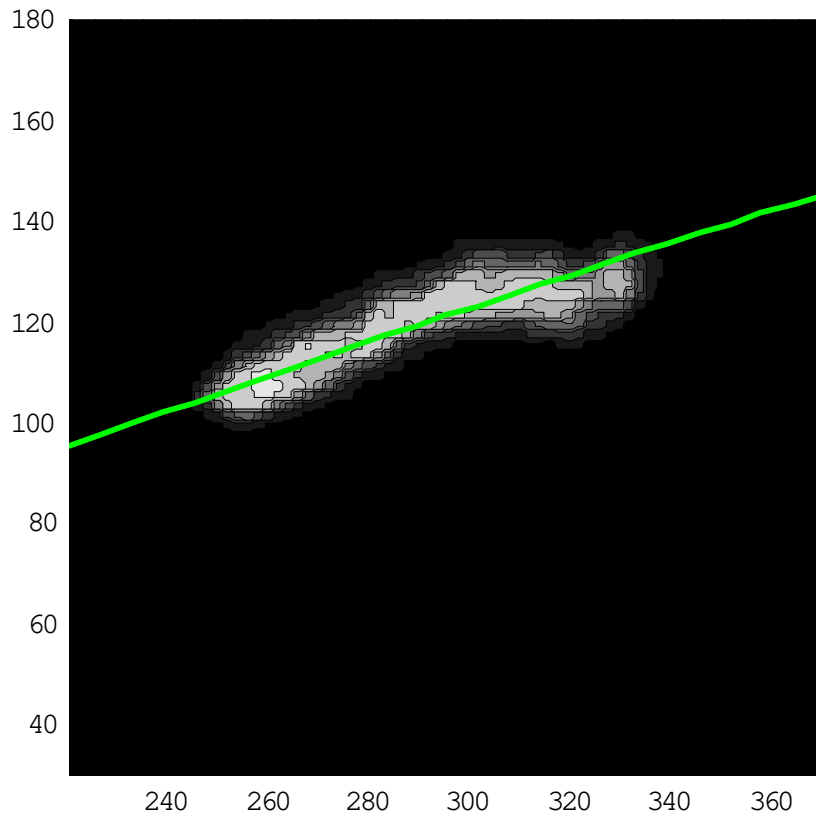
Parabole Fit



Circle '+' Fit

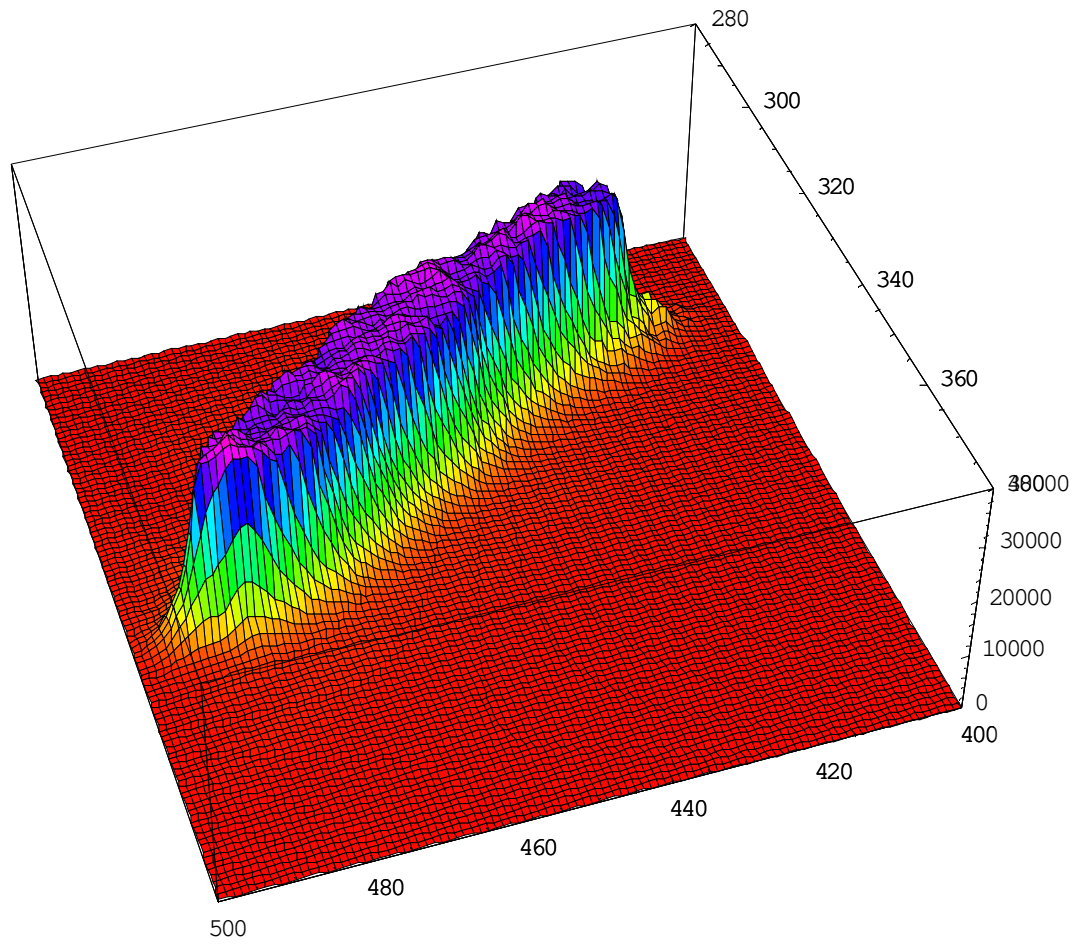


Circle '+' Fit on path (better fit – in curvature)

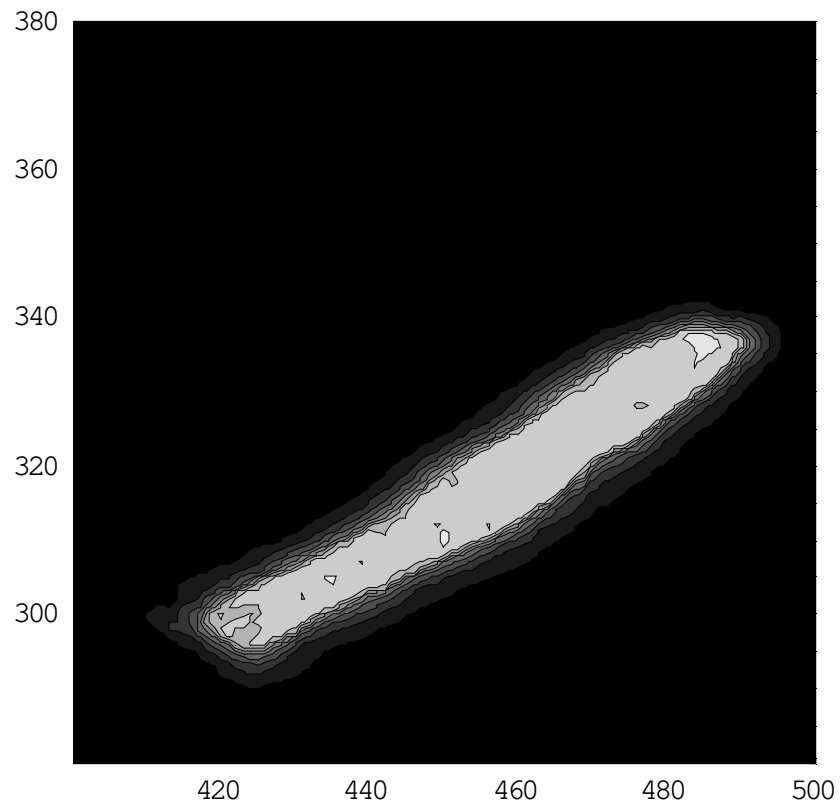


07-03-2008 A1 – JUNCAL

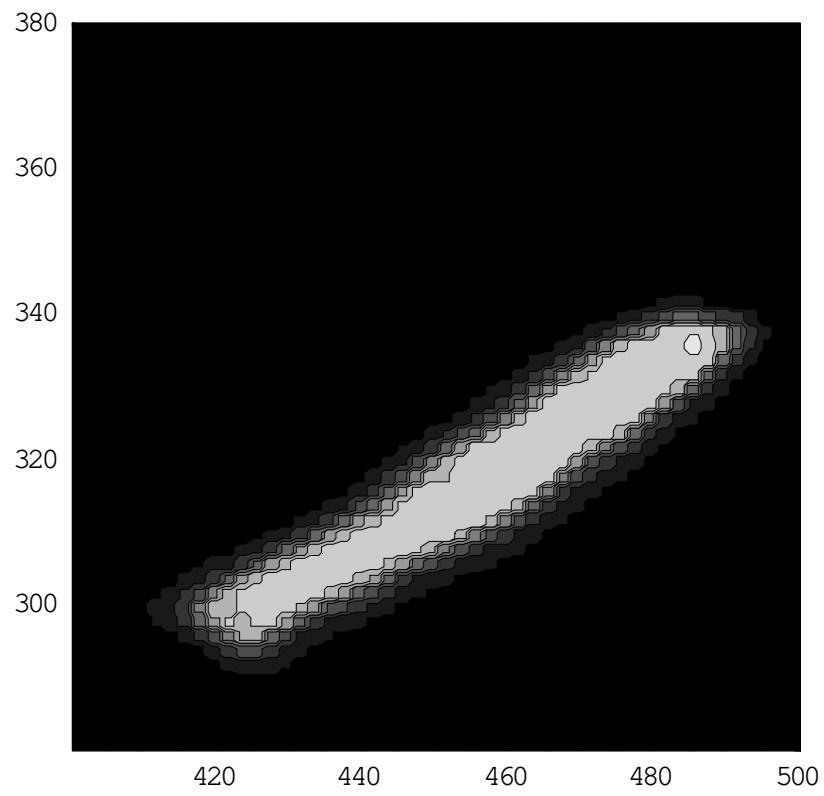
Trail 3D



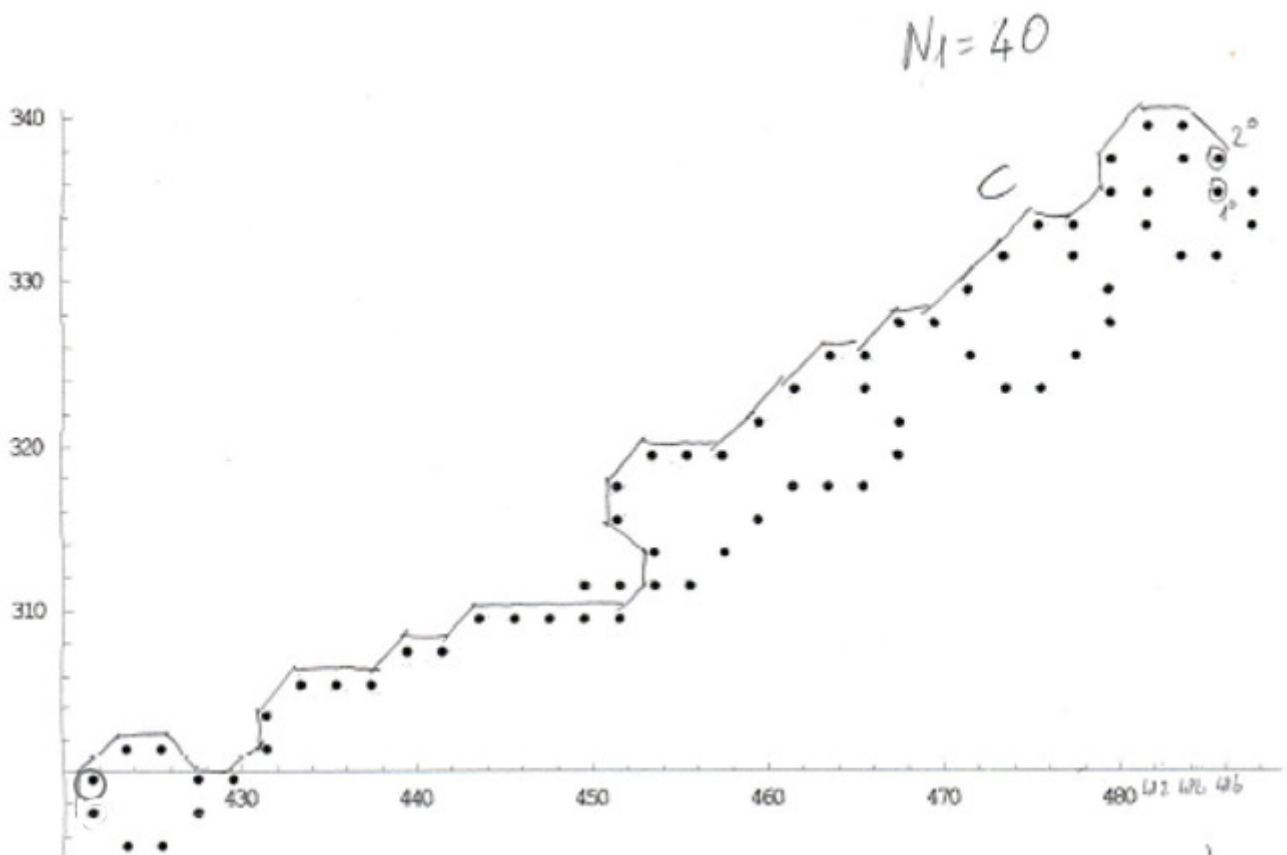
Contour 1x1

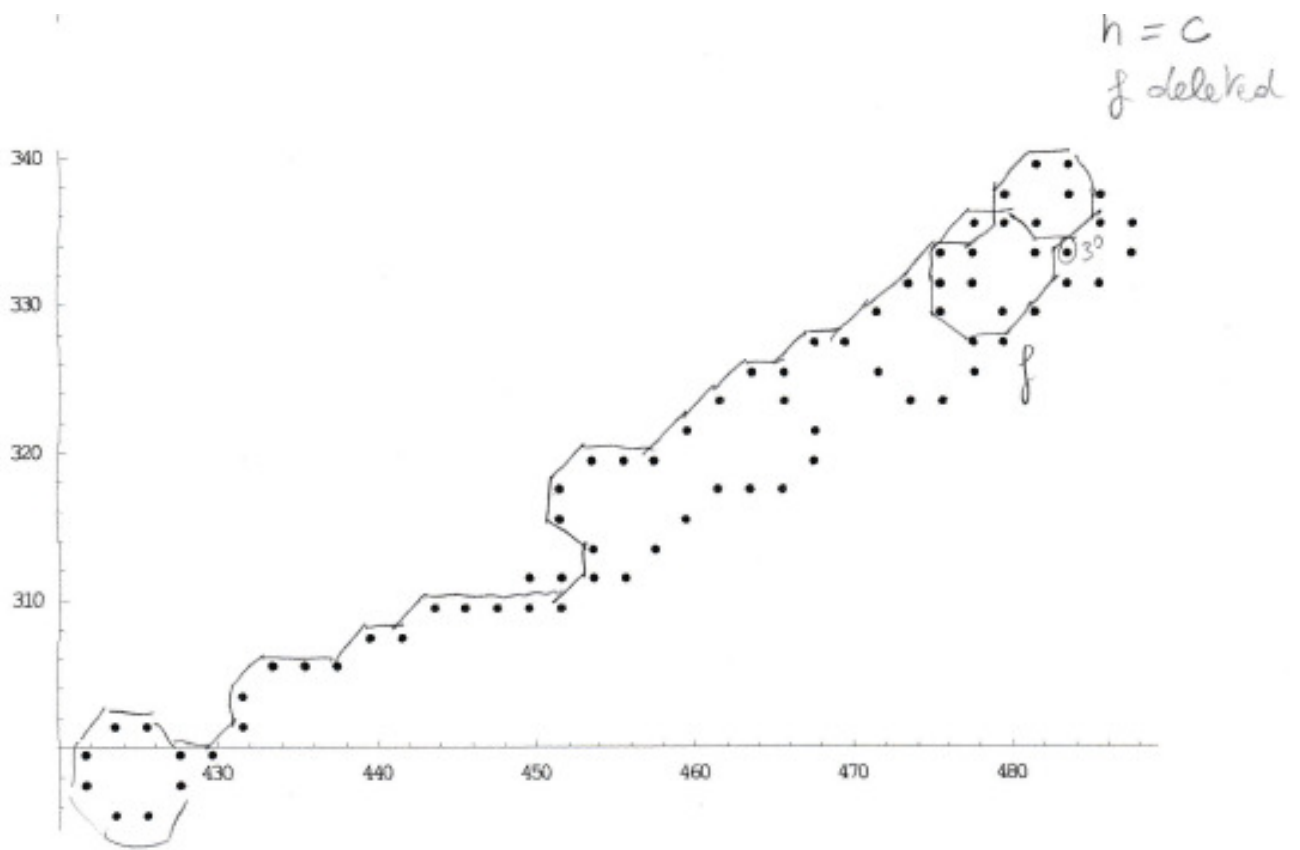


Contour 2x2

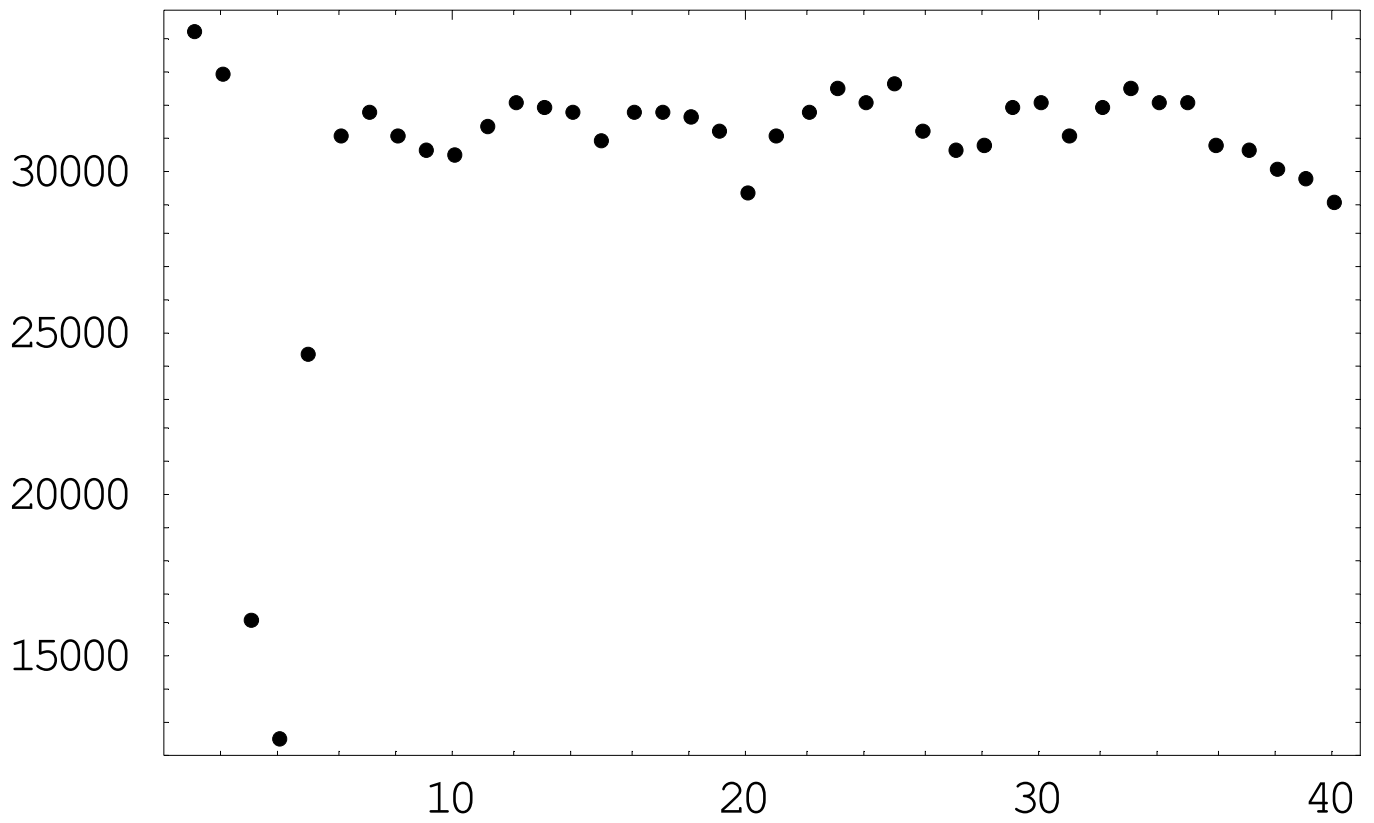


$c+f$ vectors

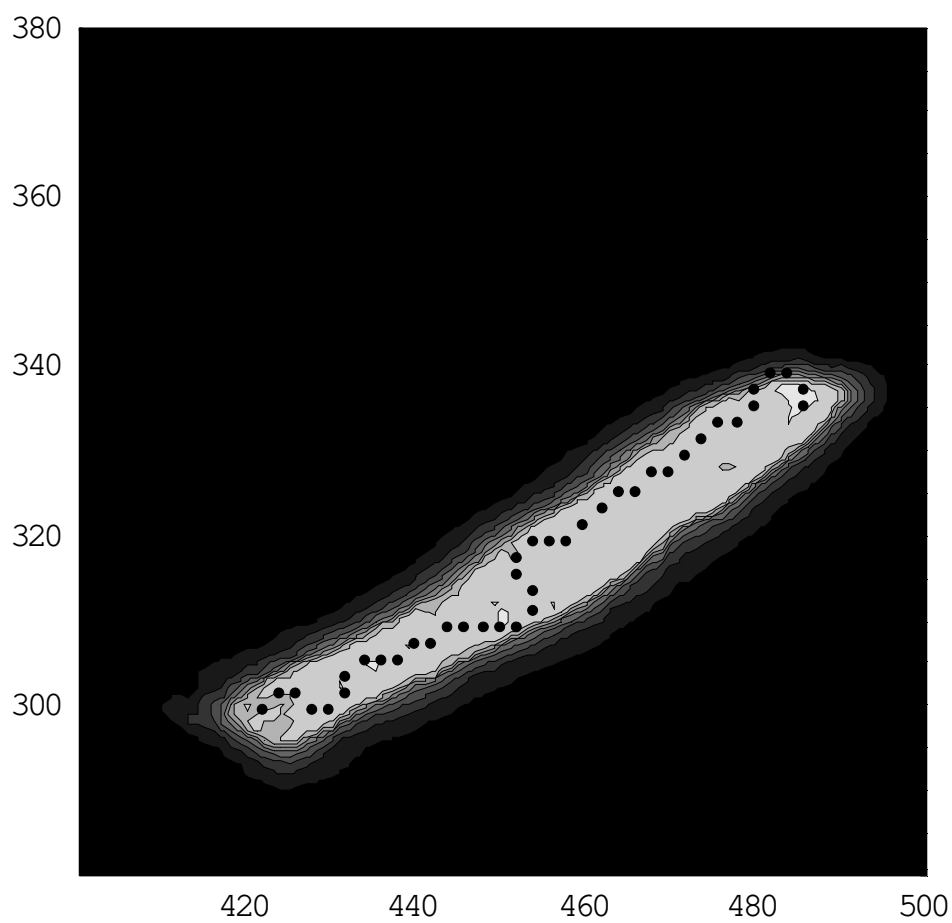




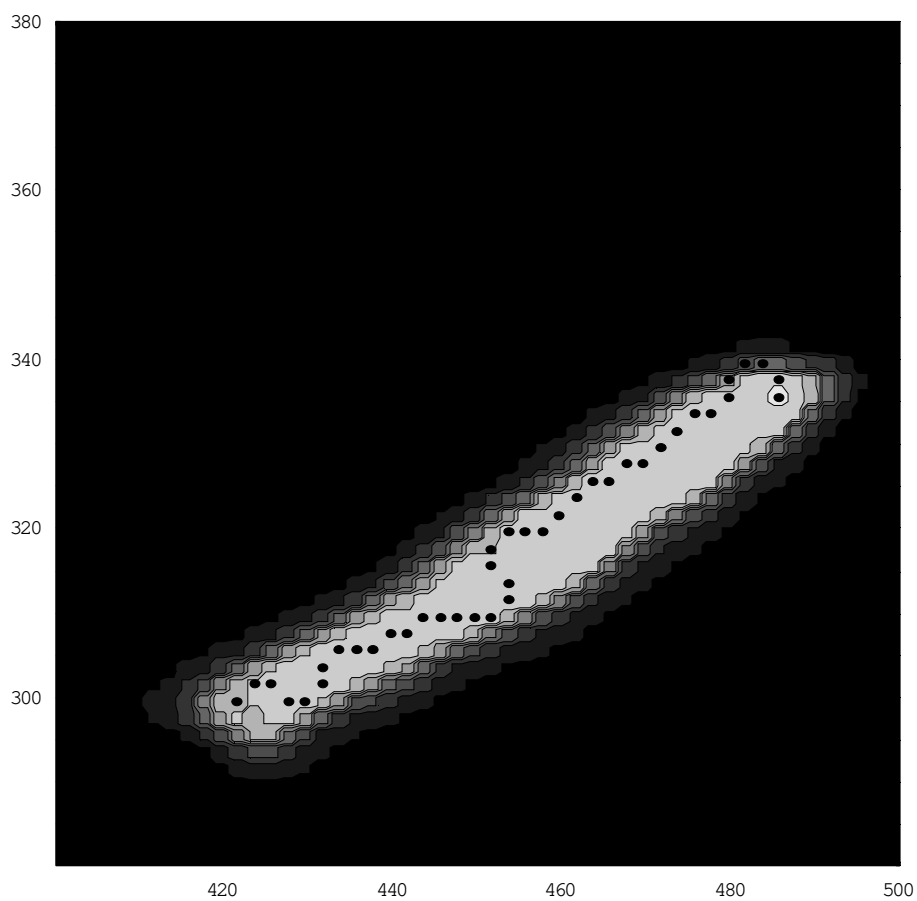
Trail (ADU profile)



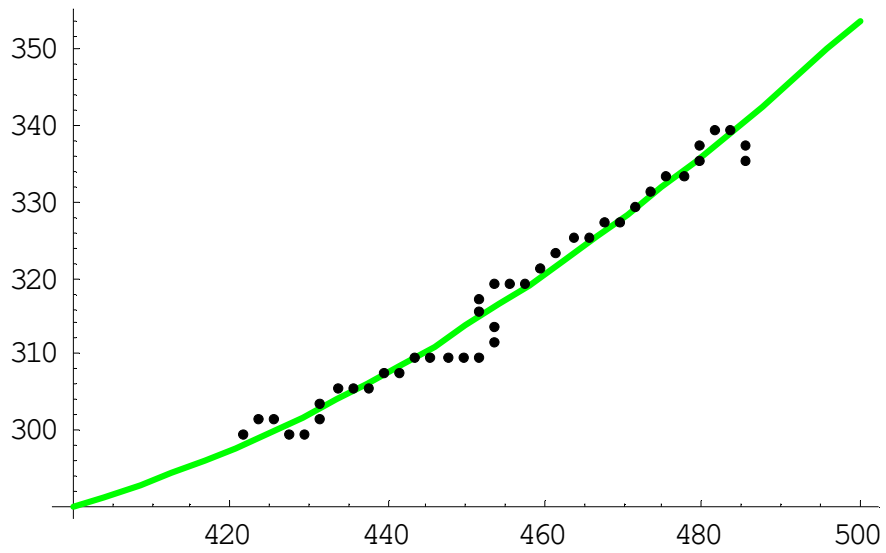
Trail + Contour 1x1



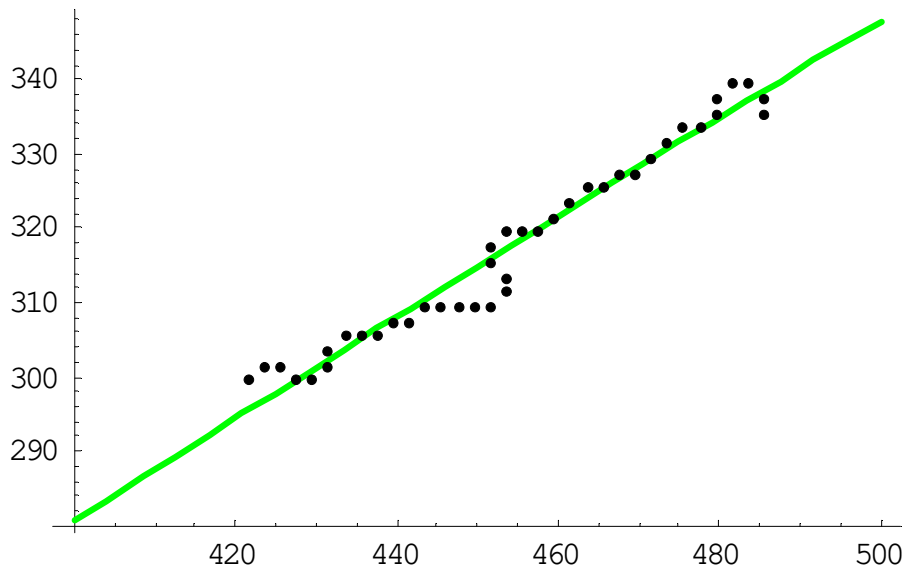
Trail + Contour 2x2



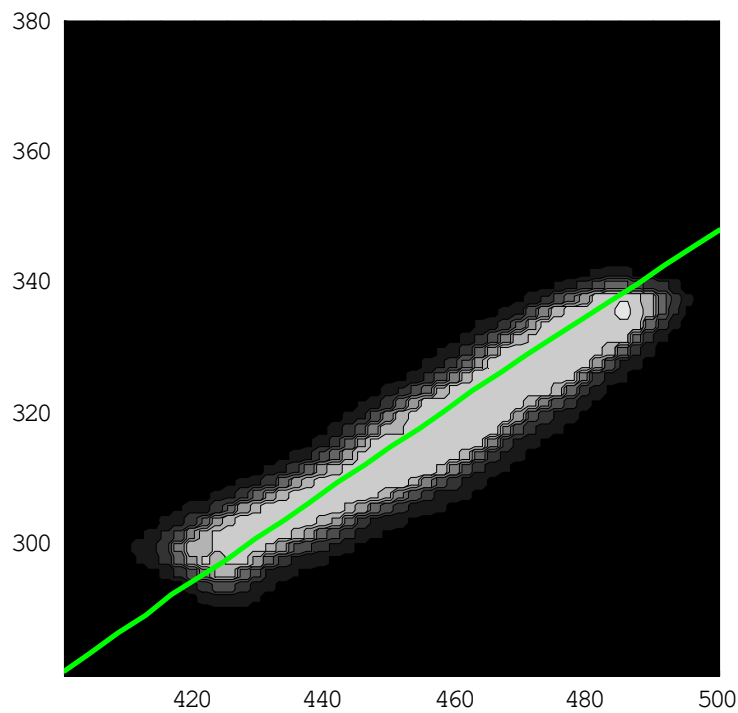
Parabole Fit



Circle '+' Fit



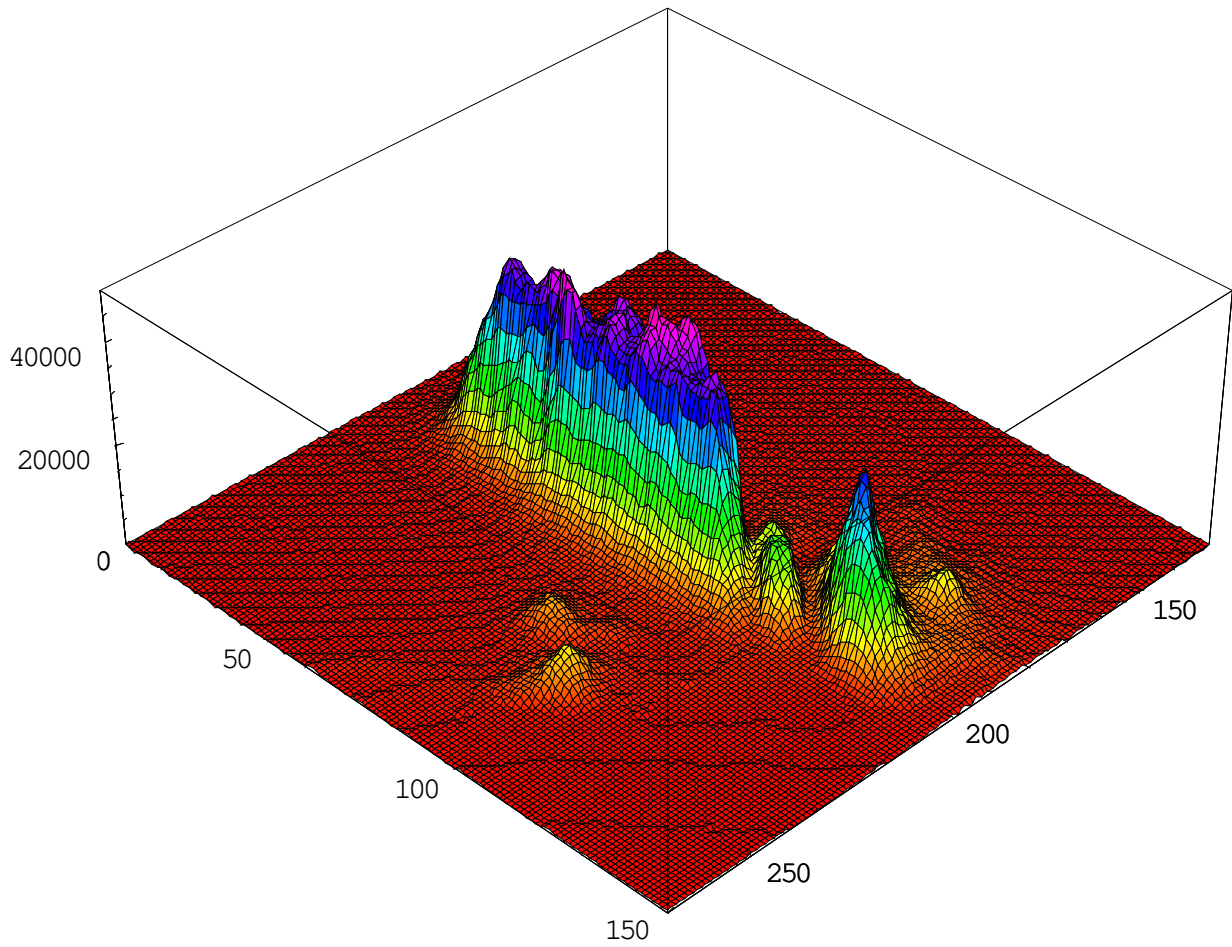
Circle '+' Fit on path



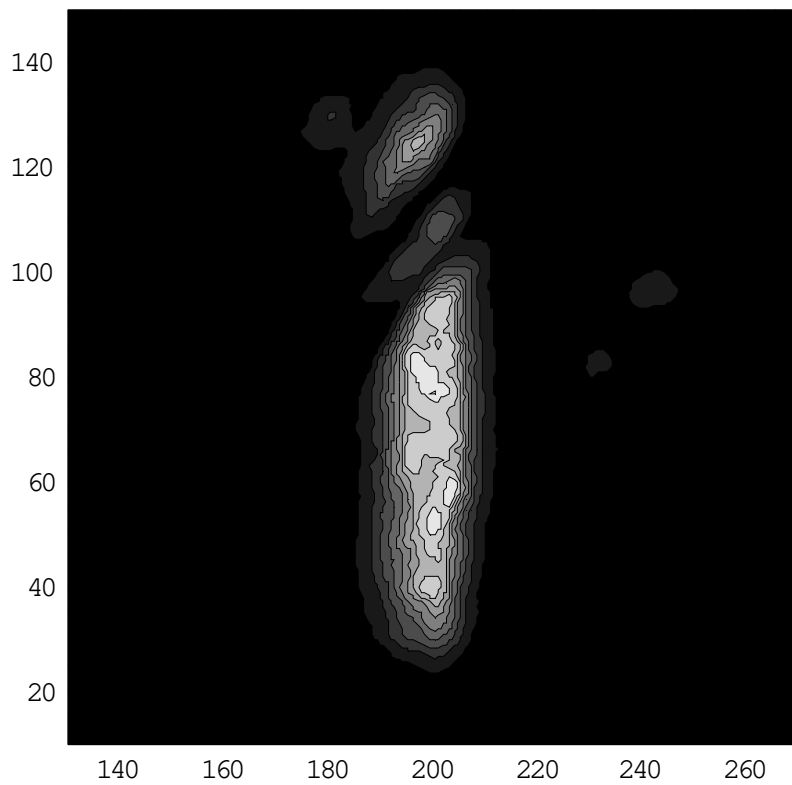
07-03-2008

A2 - ACHADA GRANDE (with "lobe work")

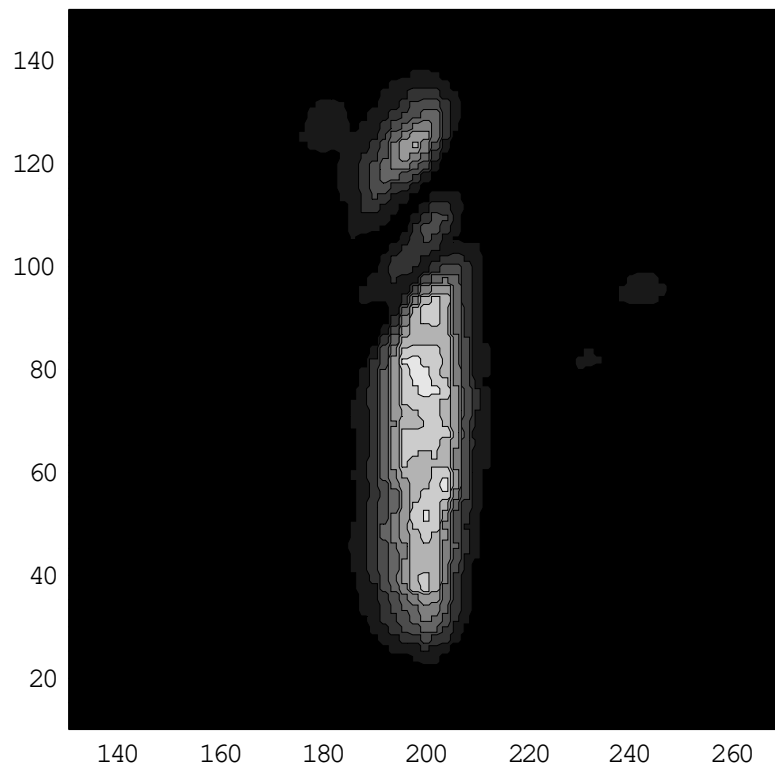
Trail 3D



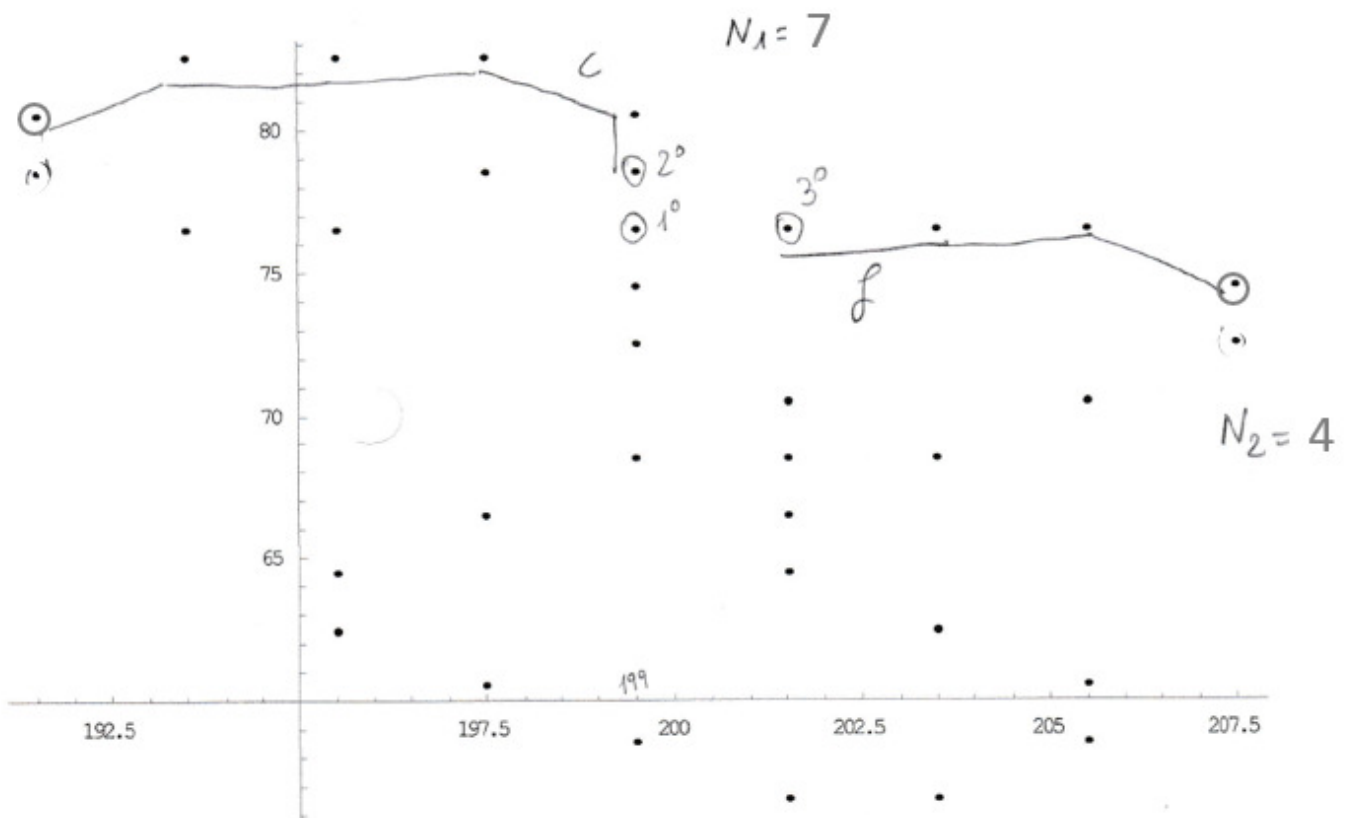
Contour 1x1



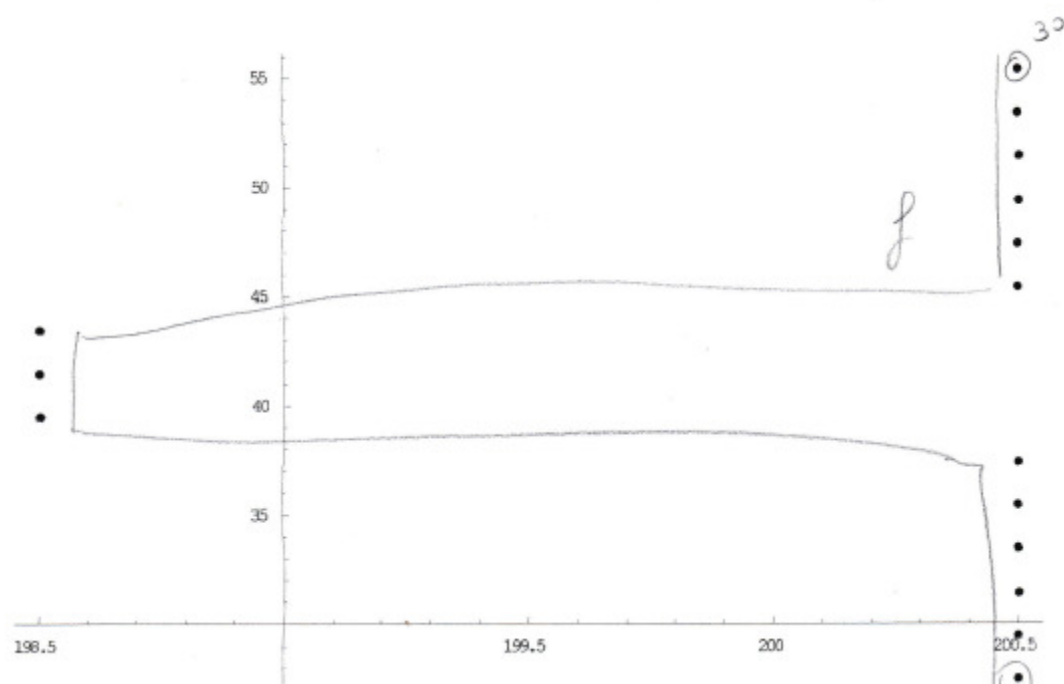
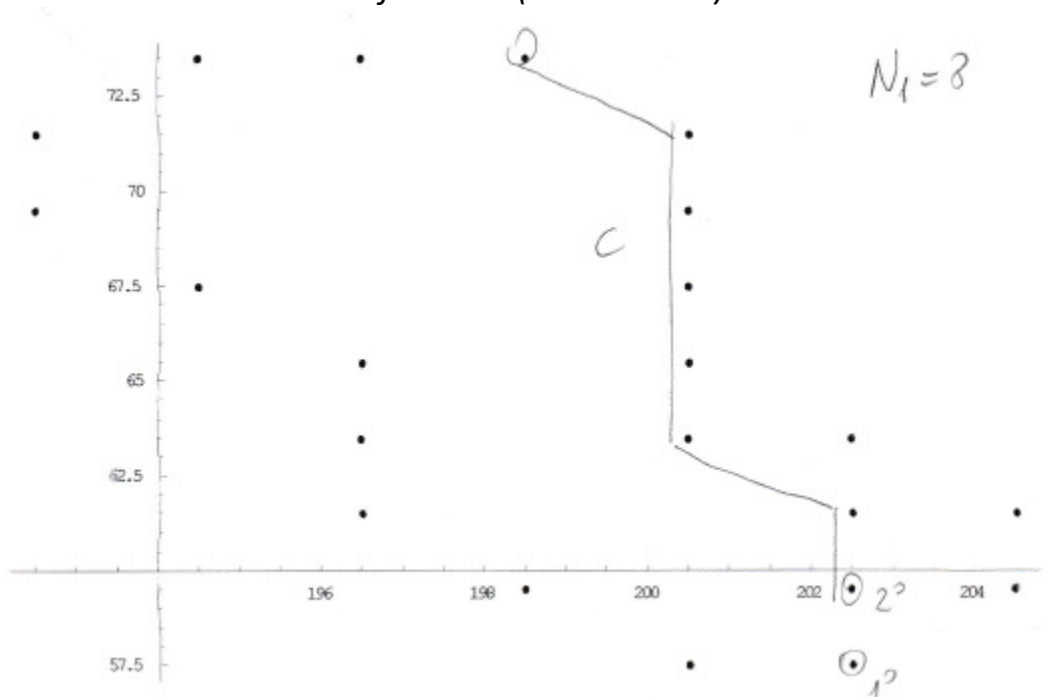
Contour 2x2



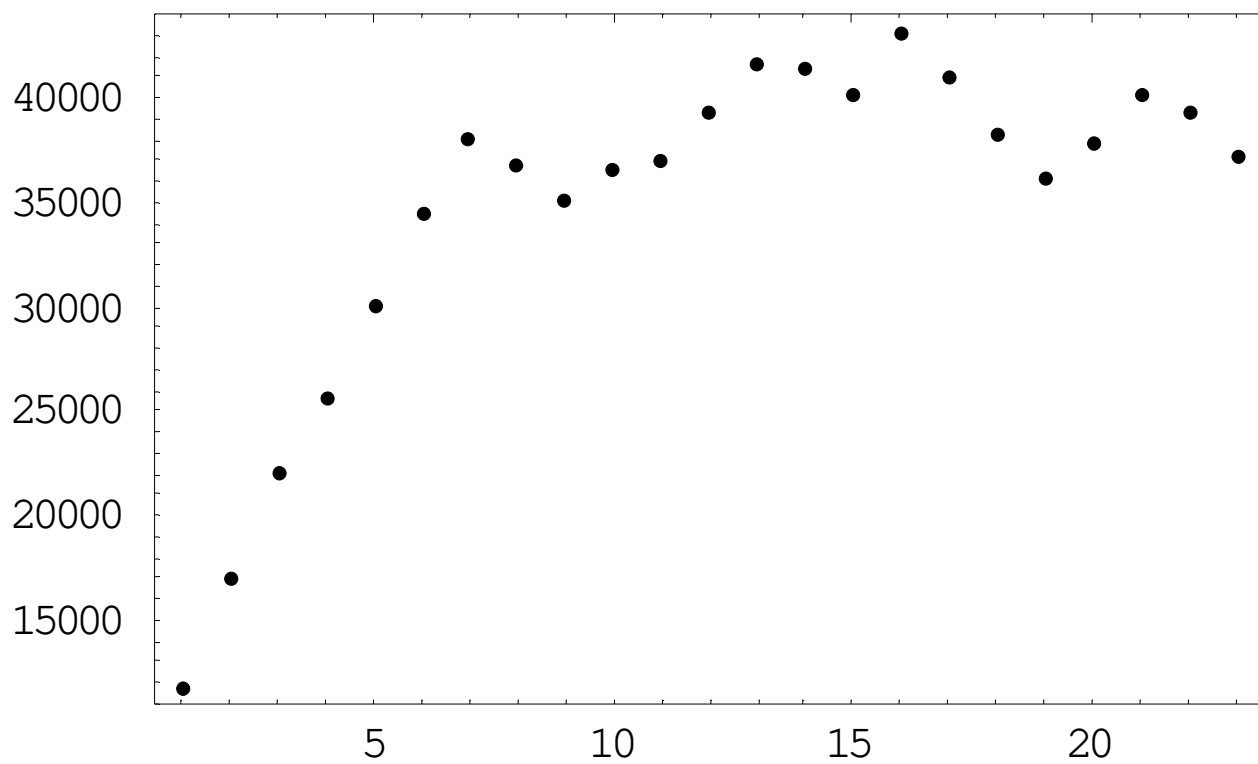
c+f vectors (main)



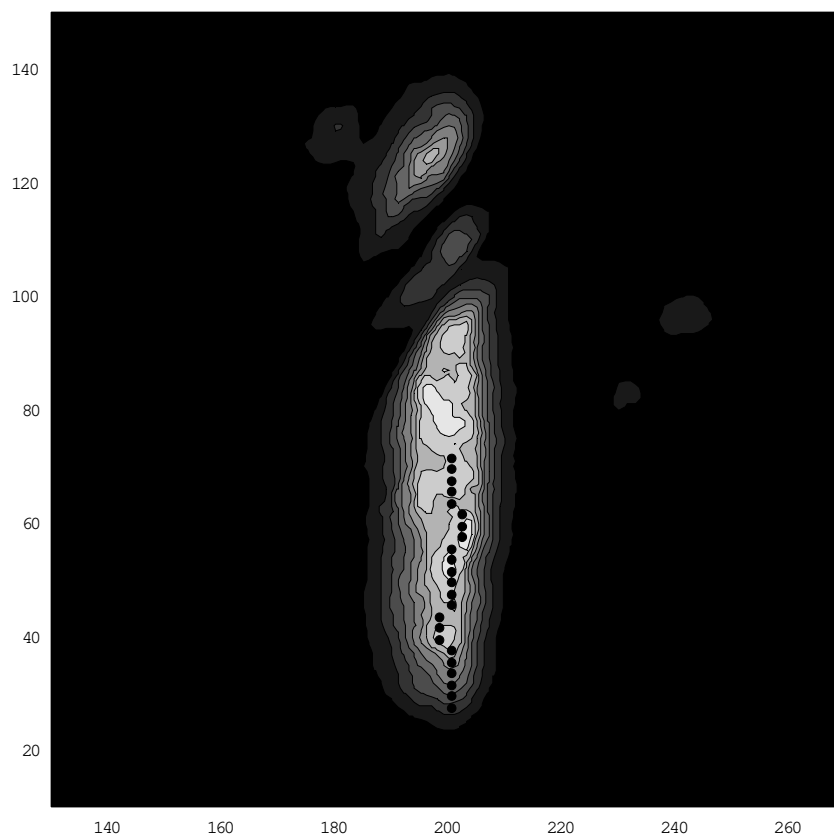
c+f vectors (bottom lobe)



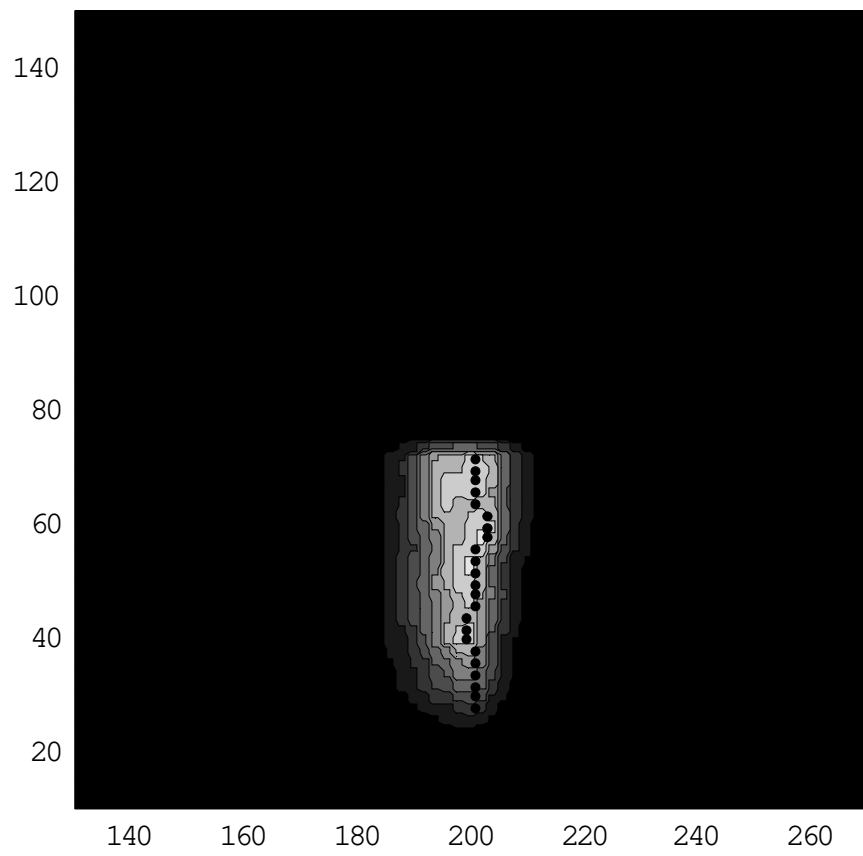
Trail (ADU profile) – lobe only



Trail + Contour 1x1



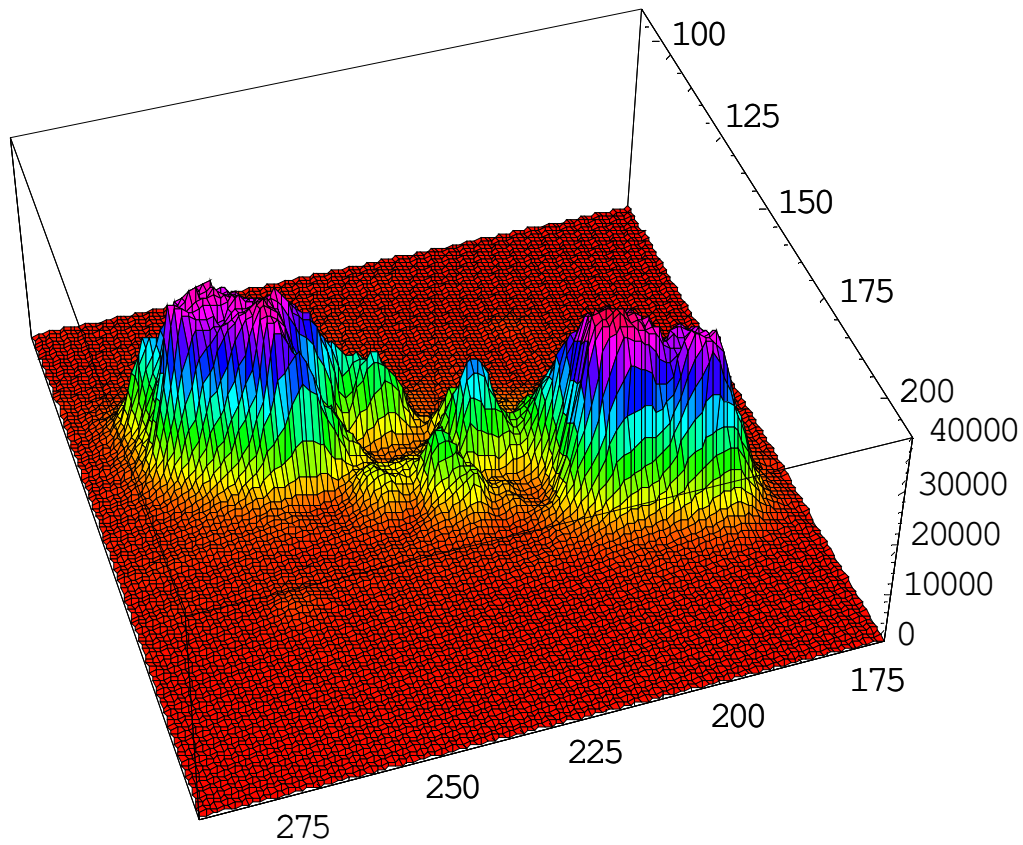
Trail + Contour 2x2



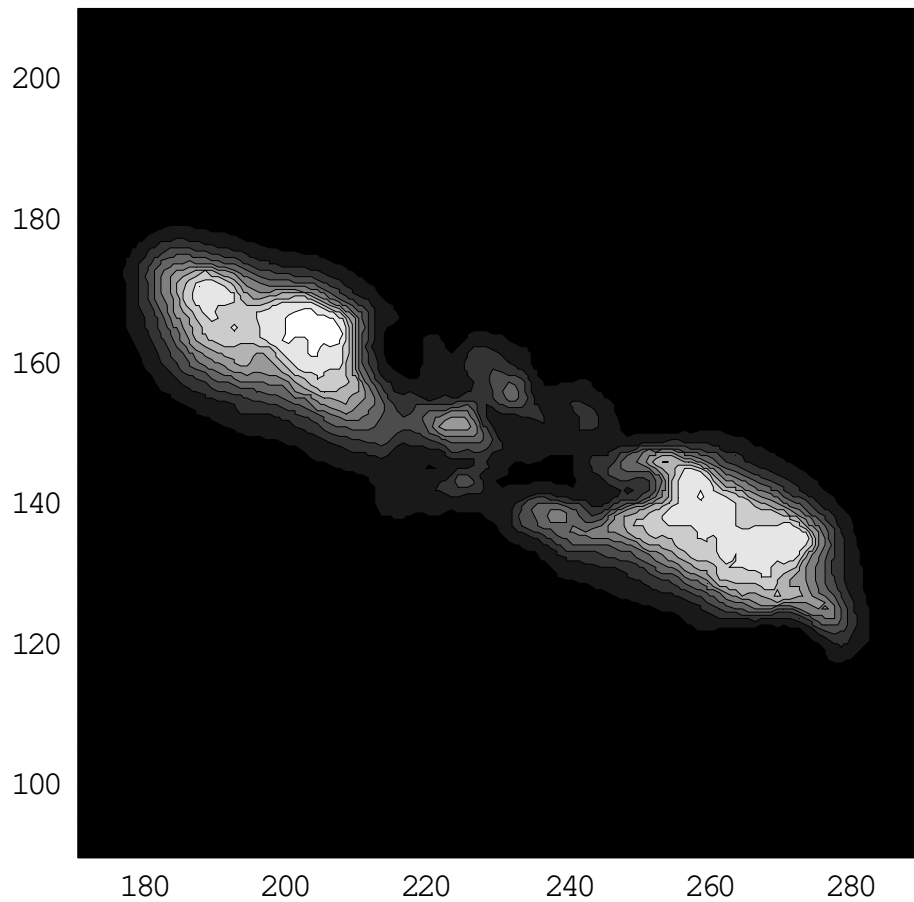
08-03-2008

C1 – LOIRAL (with “lobe work”)

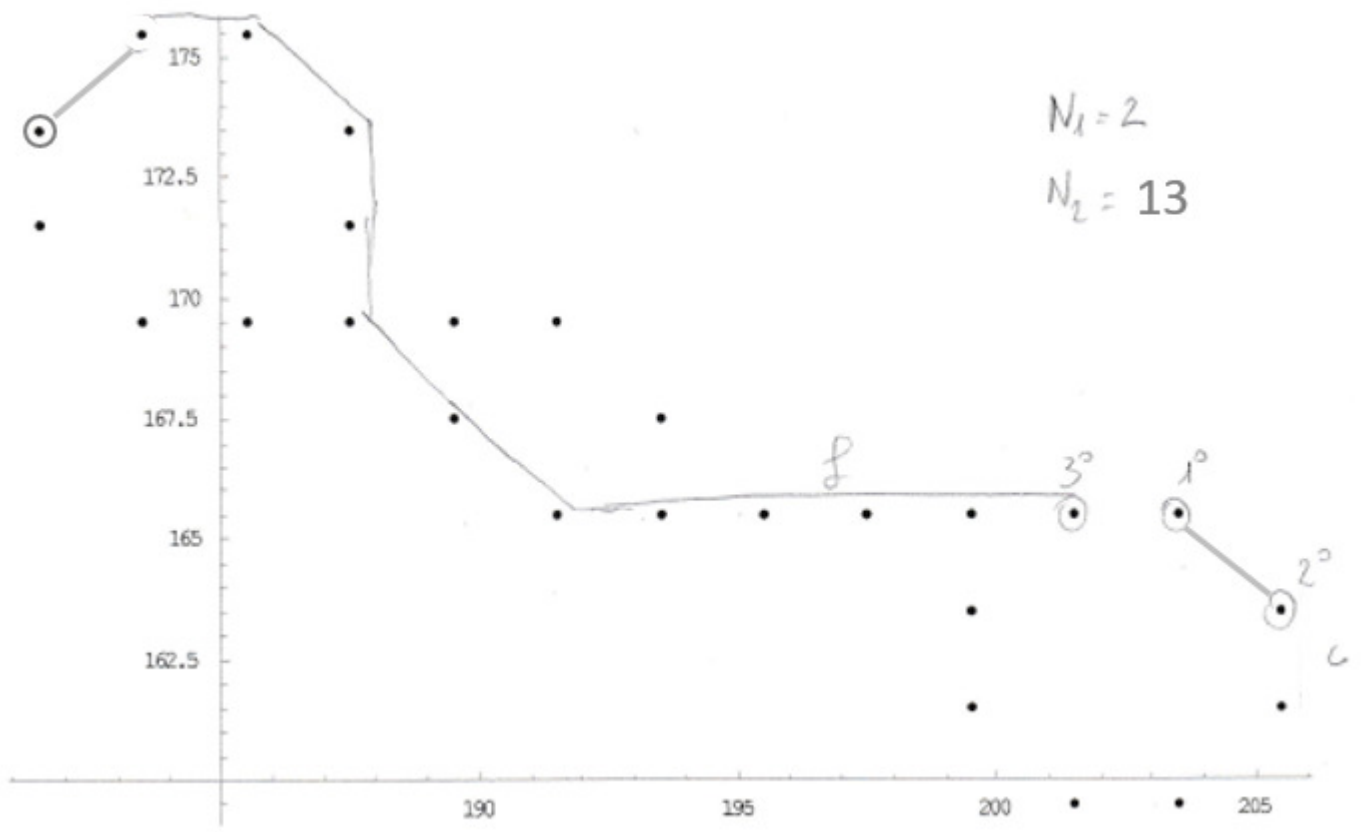
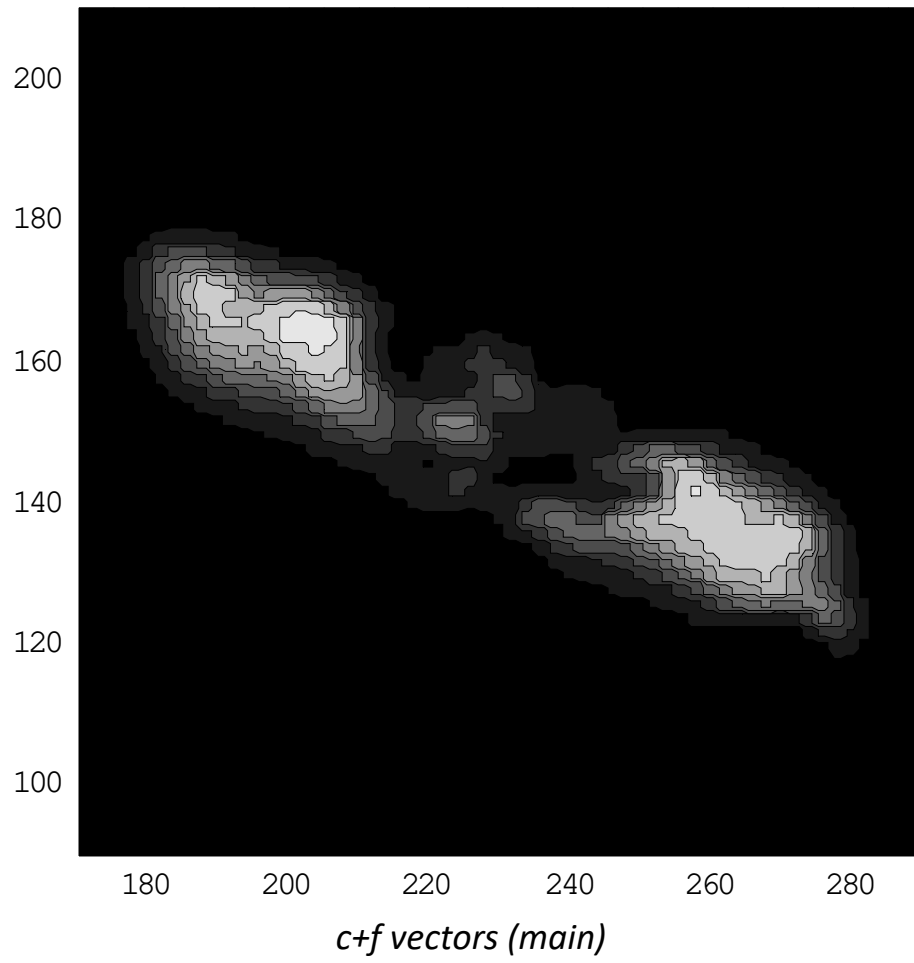
Trail 3D



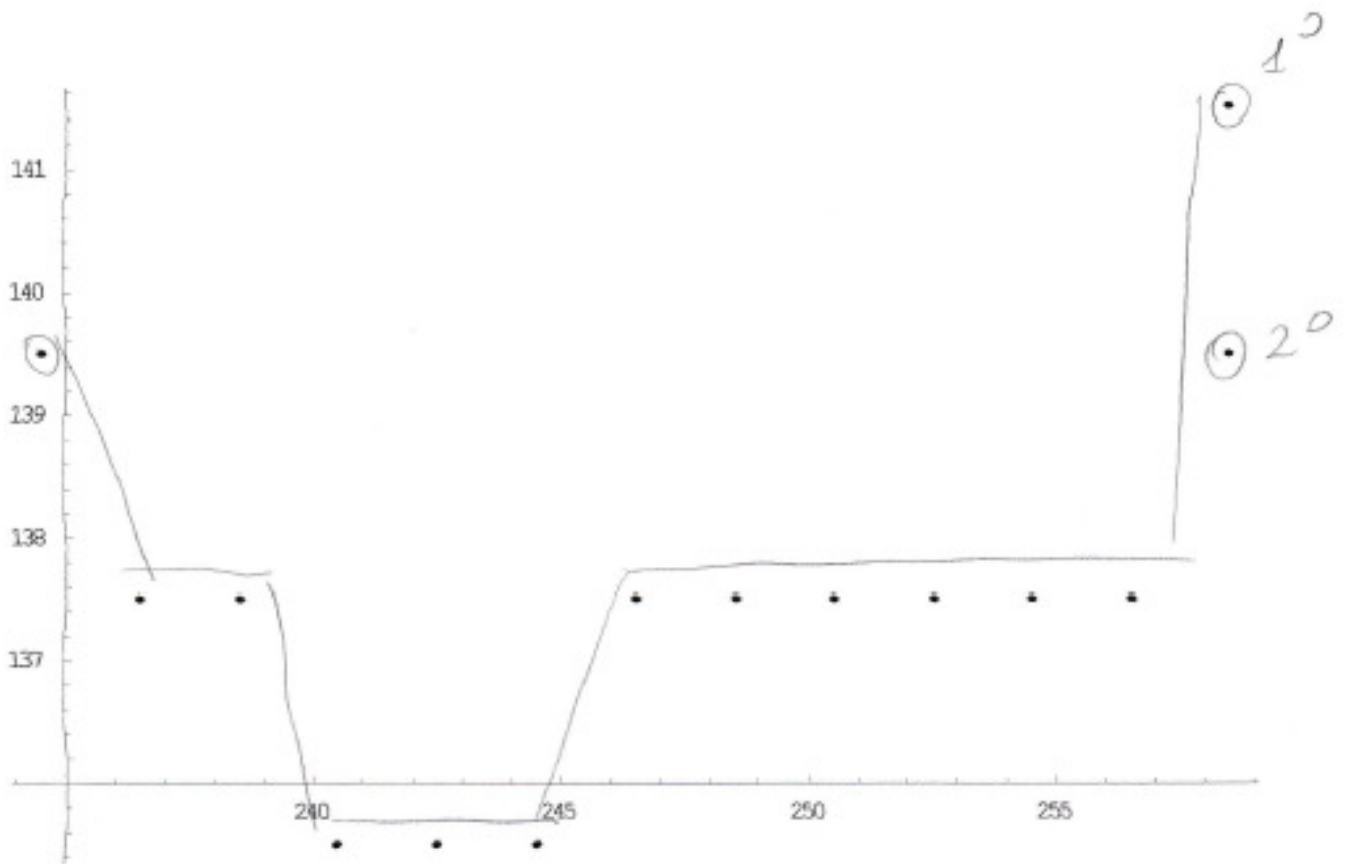
Contour 1x1



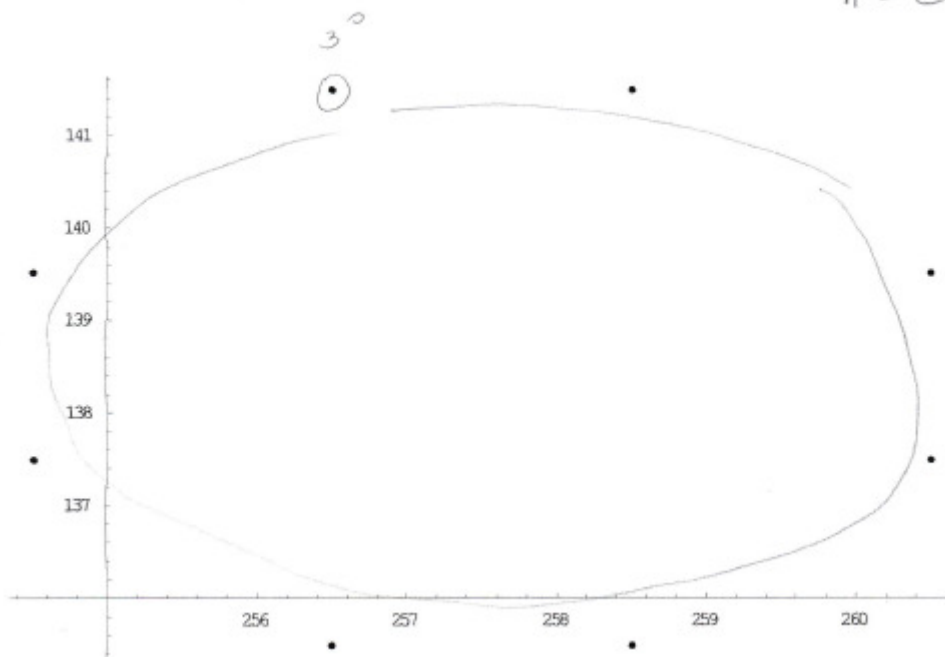
Contour 2x2



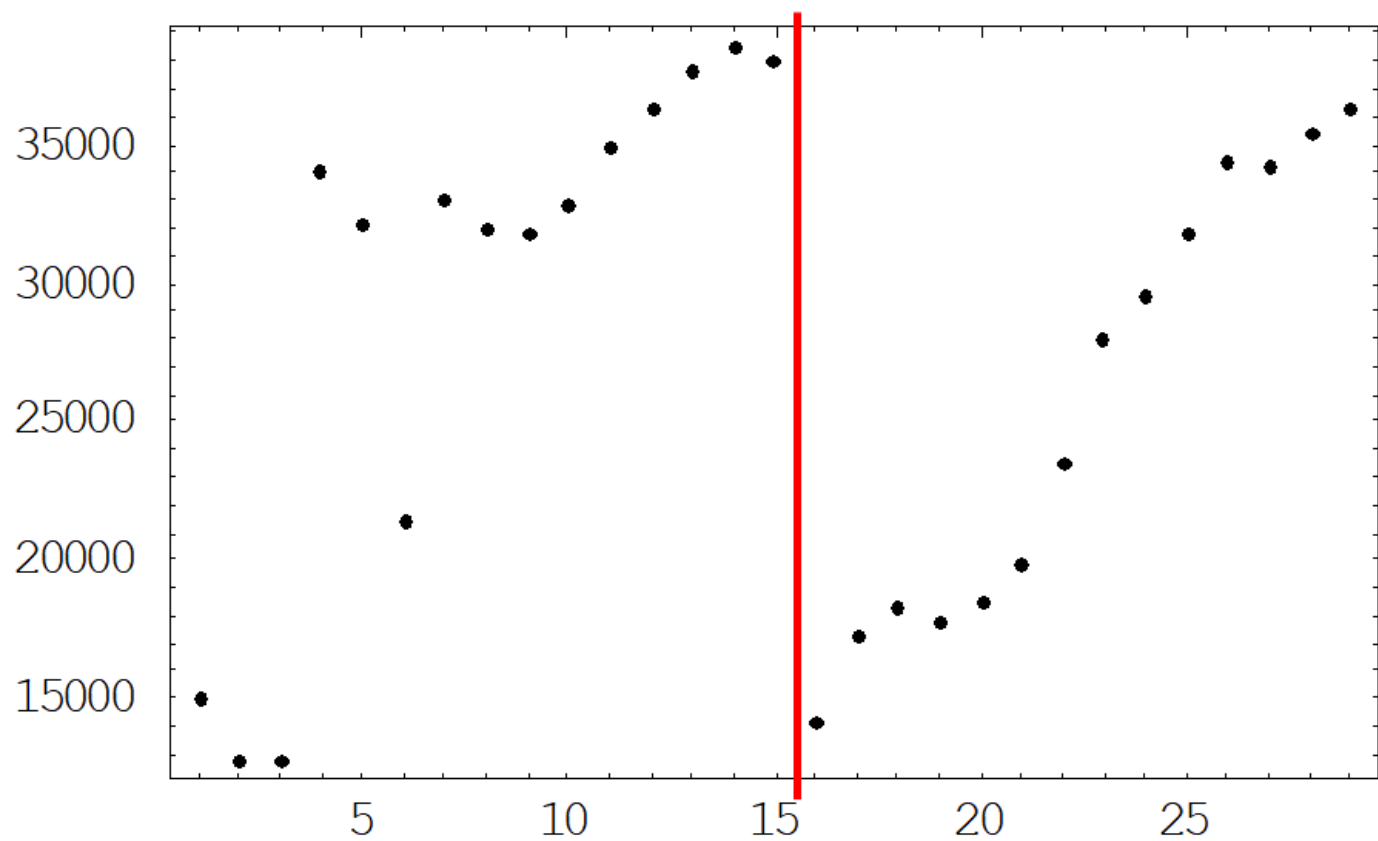
c+f vectors (right lobe)



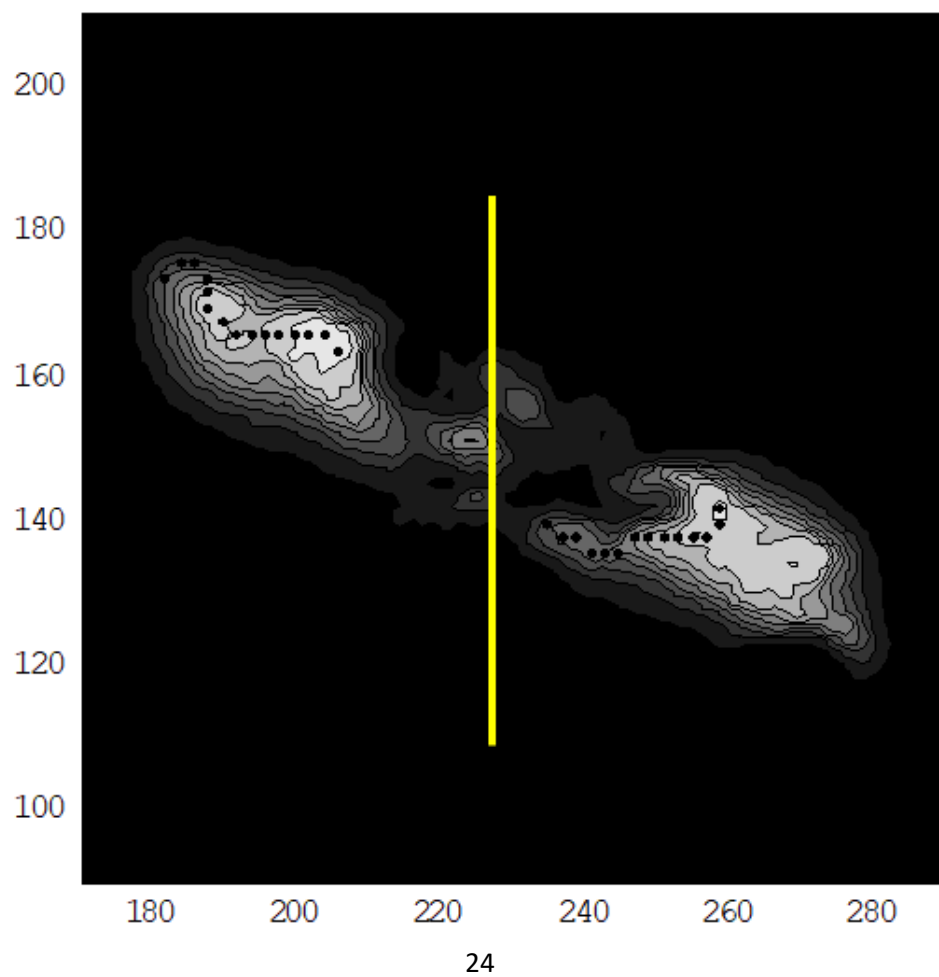
$h = c$



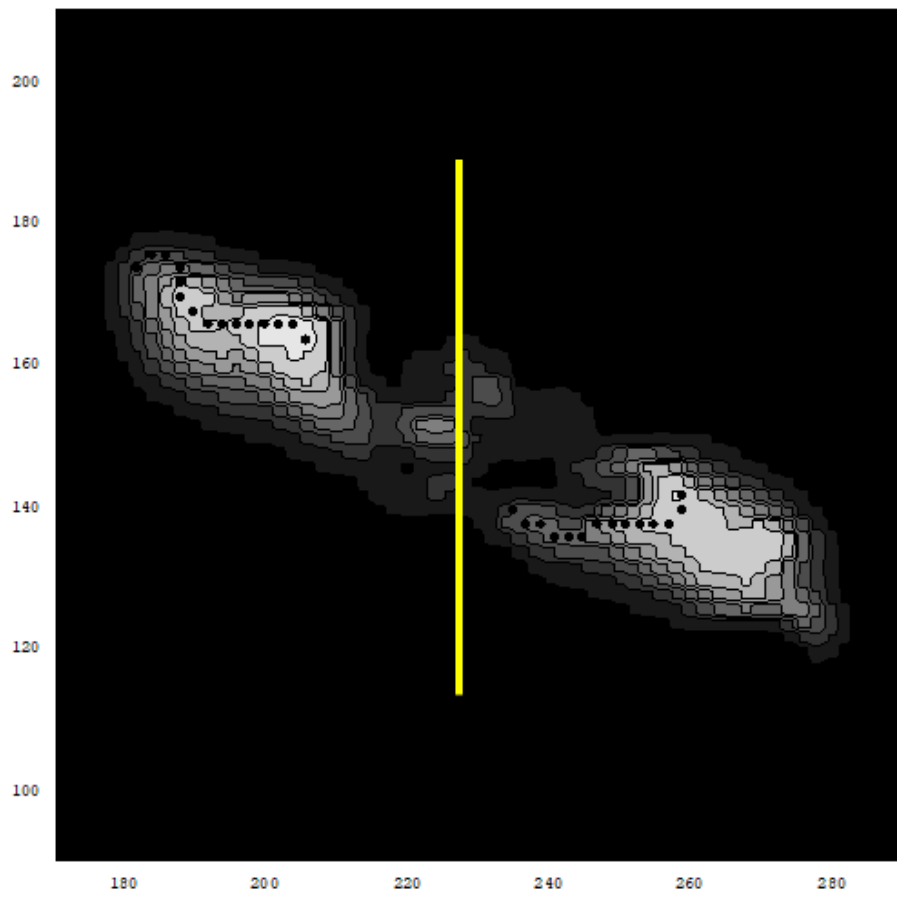
Trail (ADU profile)



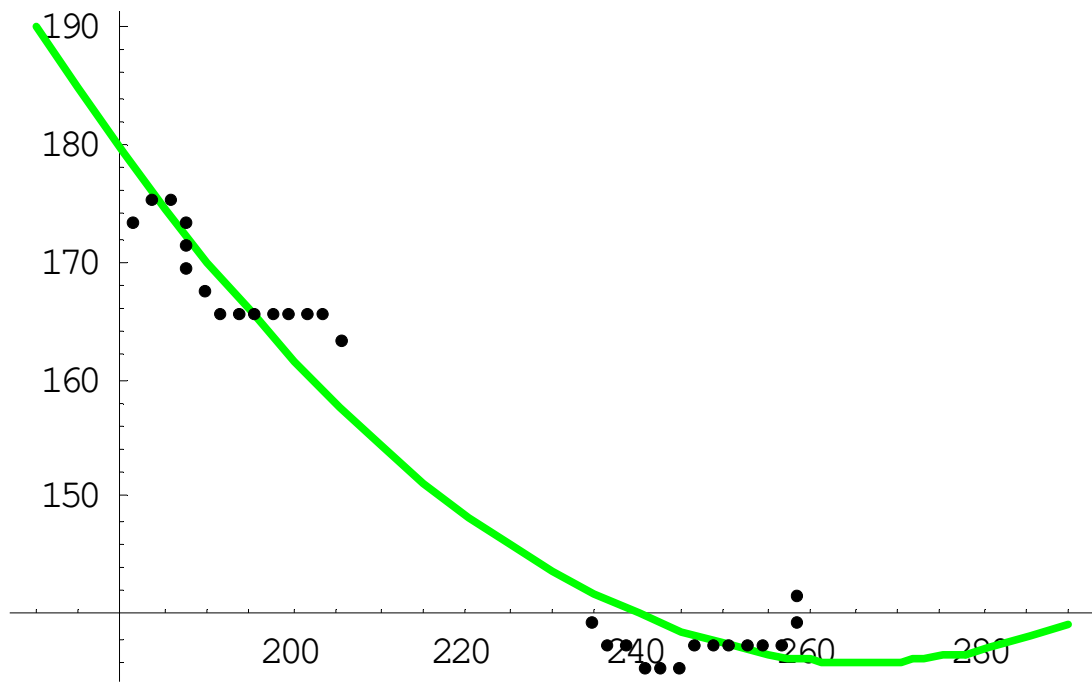
Trail + Contour 1x1



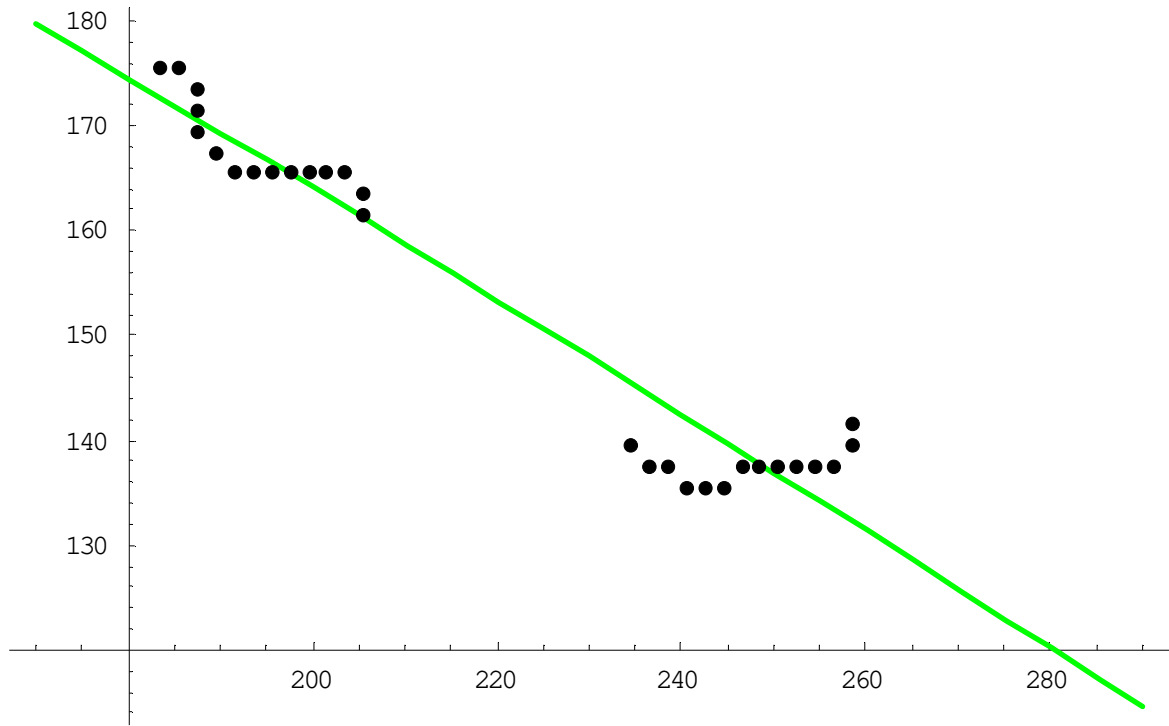
Trail + Contour 2x2



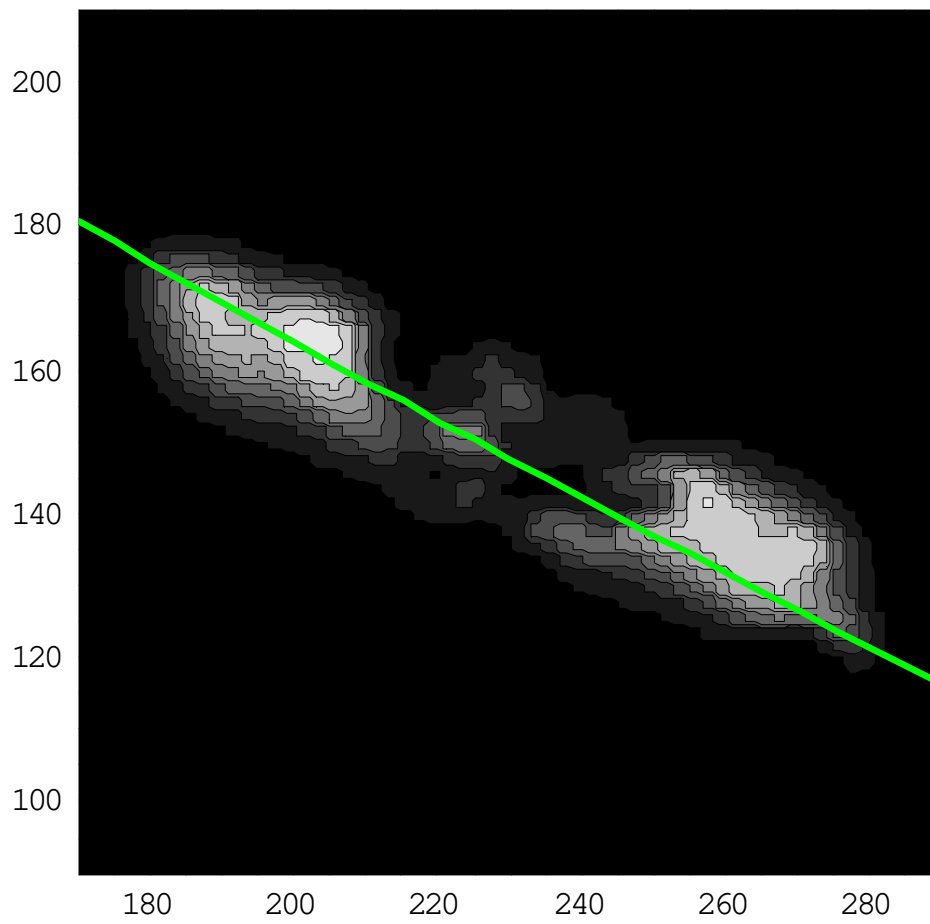
Parabole Fit



Circle Fit '+'



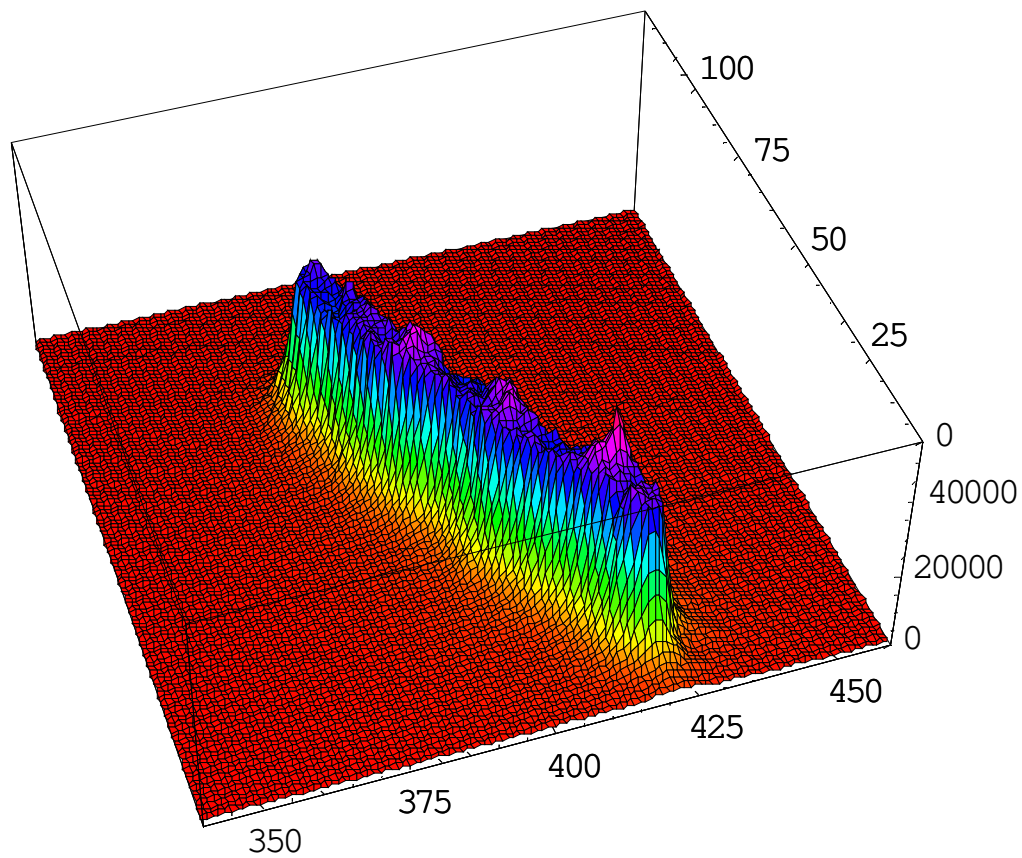
Circle Fit '+' on path



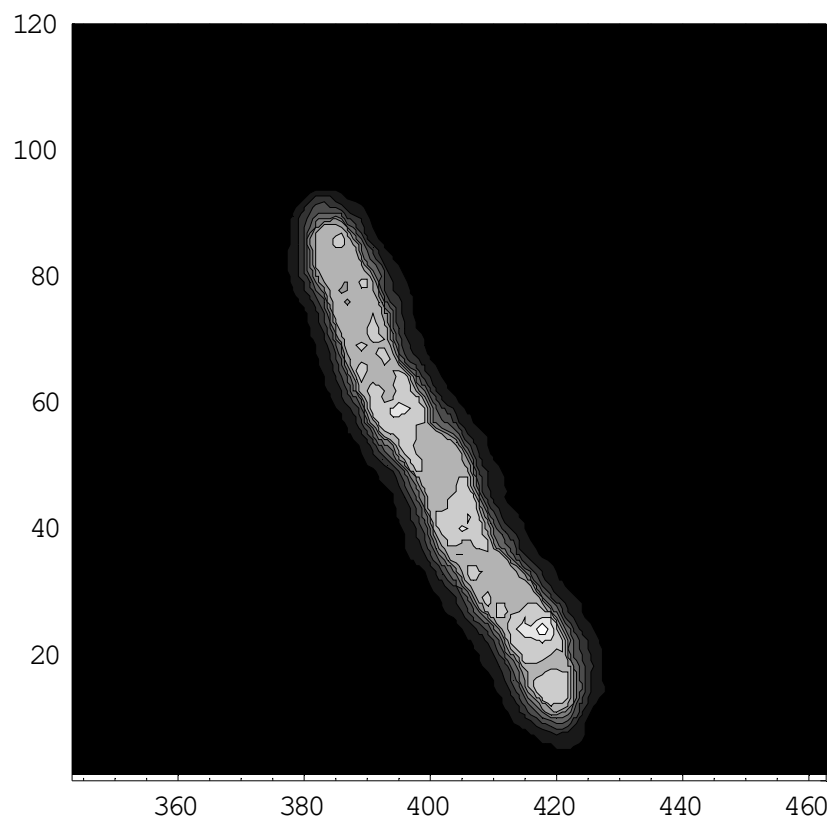
08-03-2008

C2 - PICO RUIVO DO PAUL

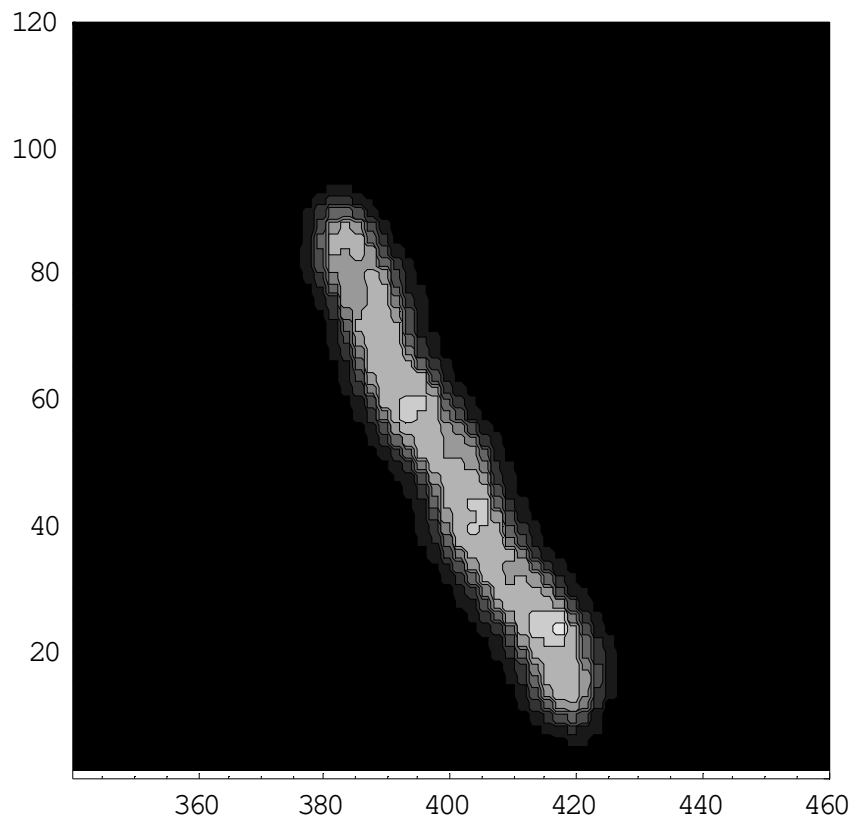
Trail 3D



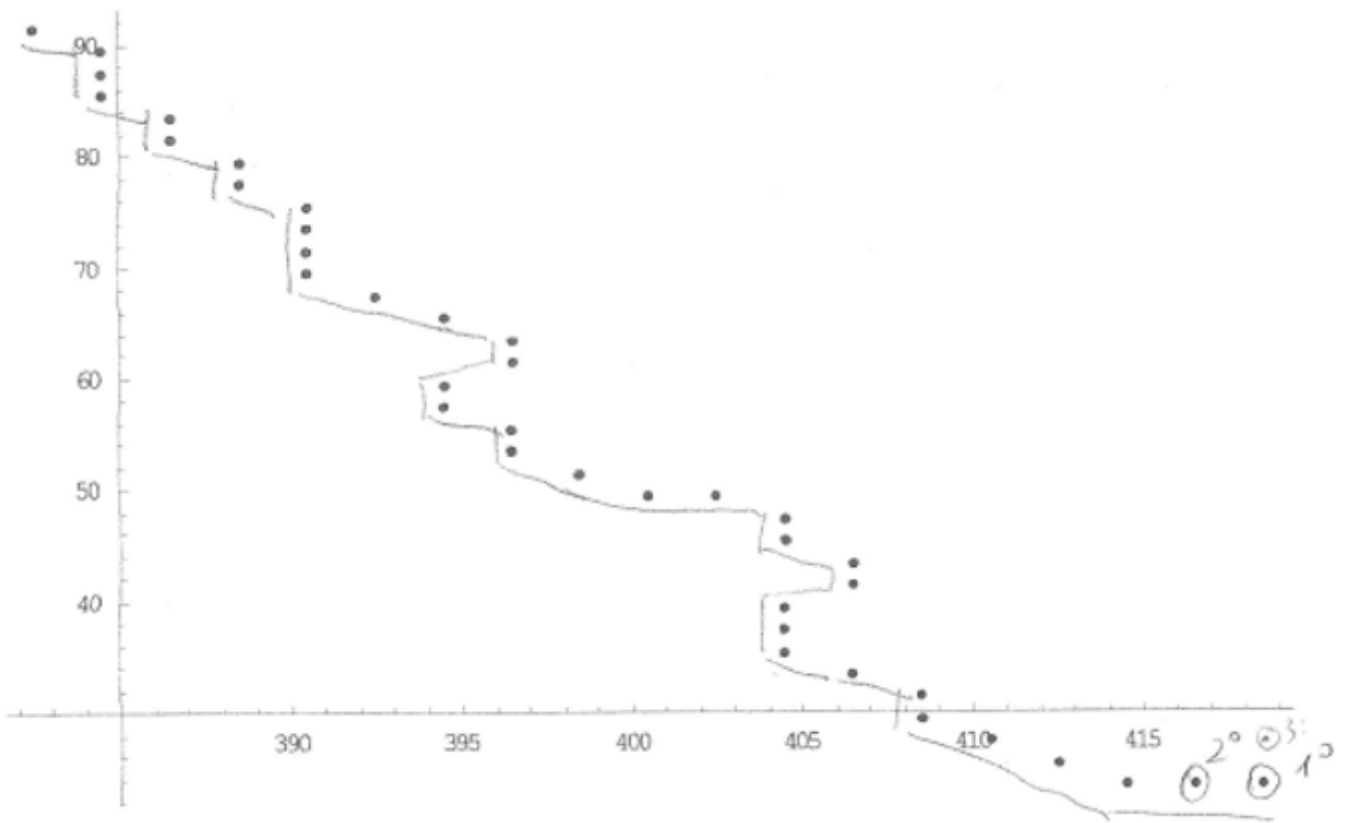
Contour 1x1



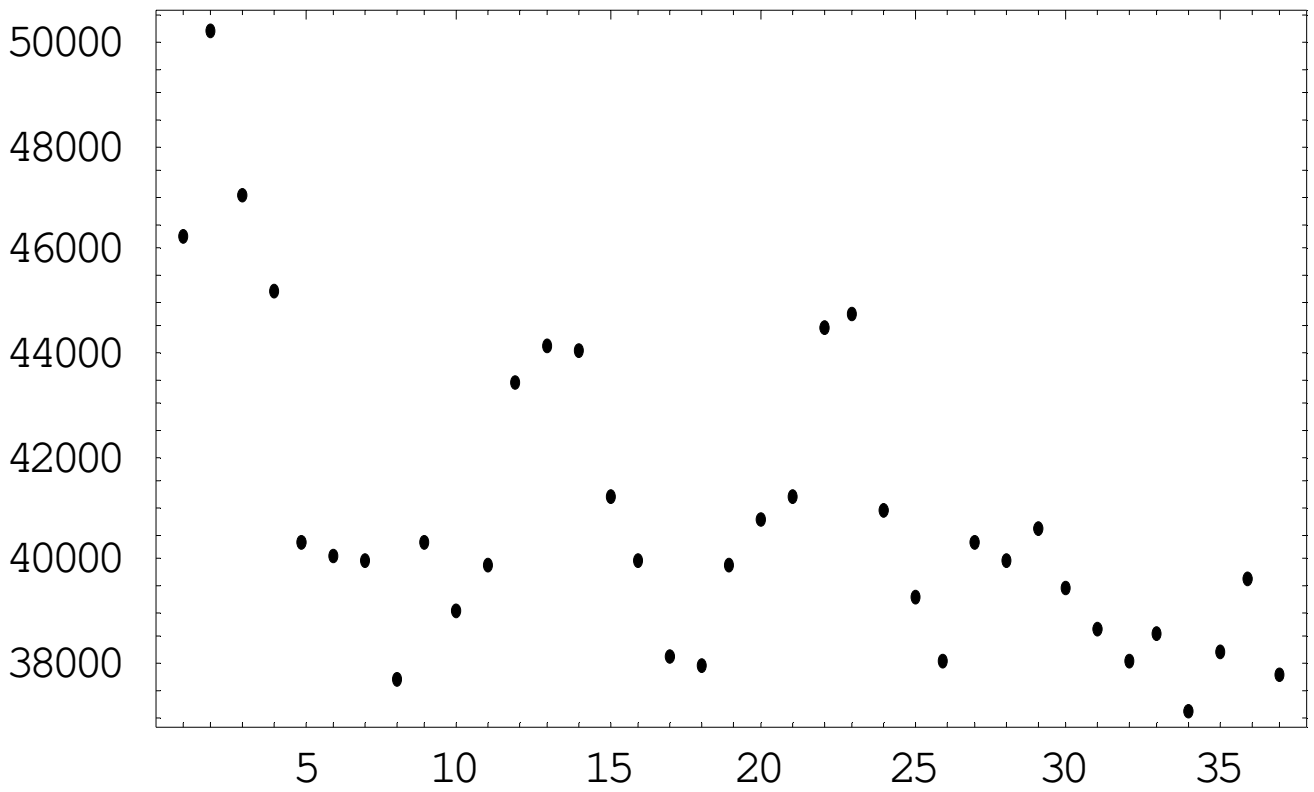
Contour 2x2



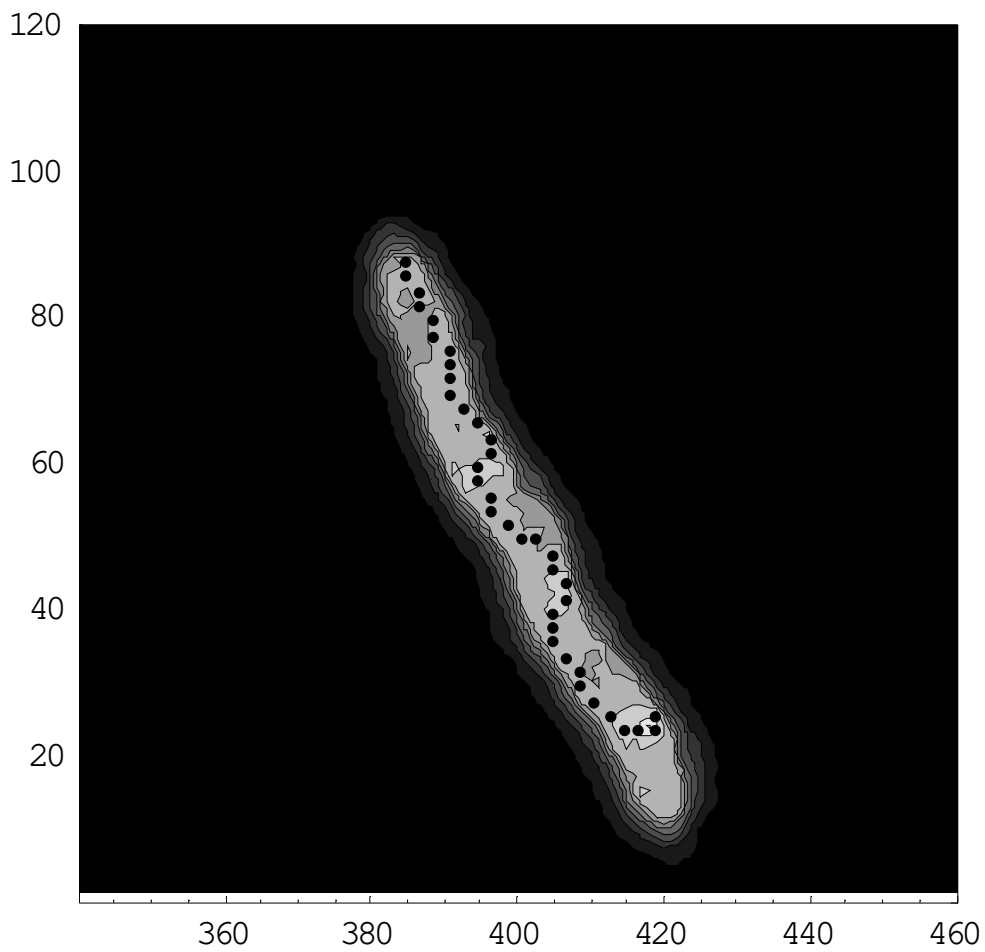
c+f vectors



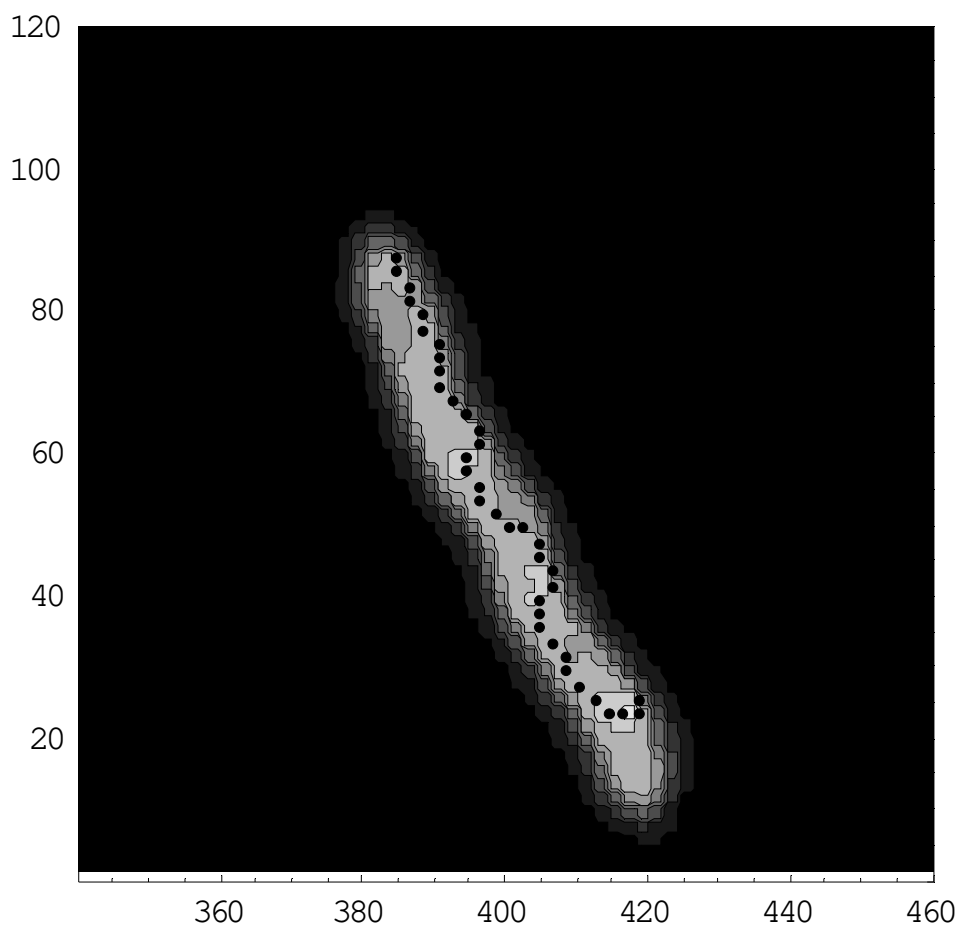
Trail (ADU profile)



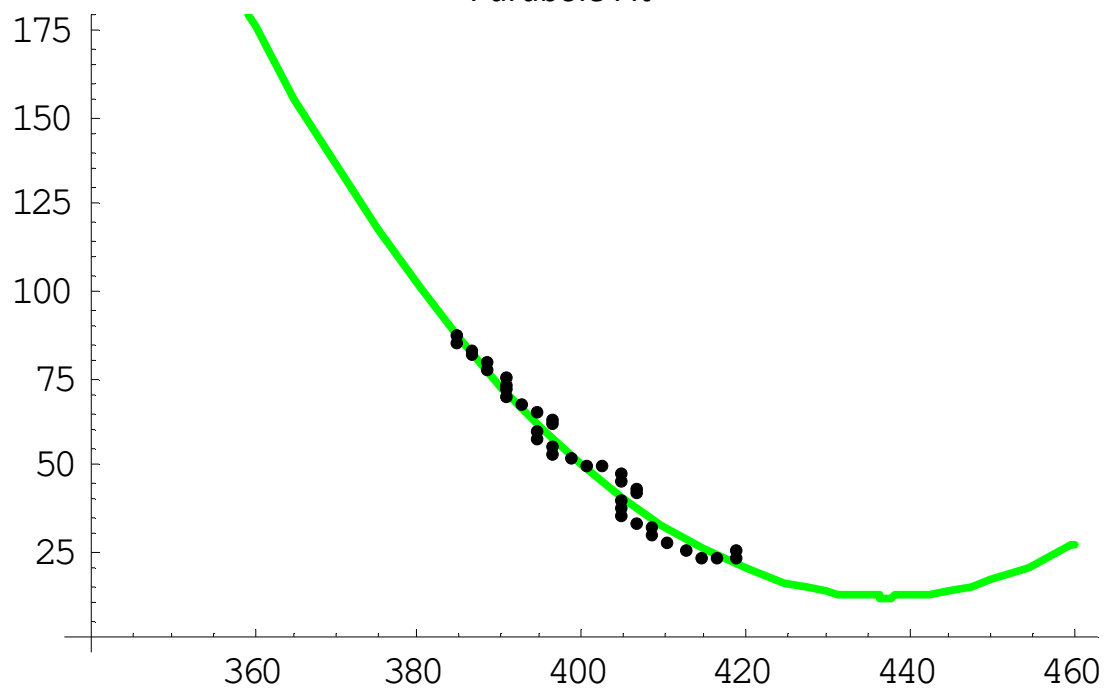
Trail + Contour 1x1



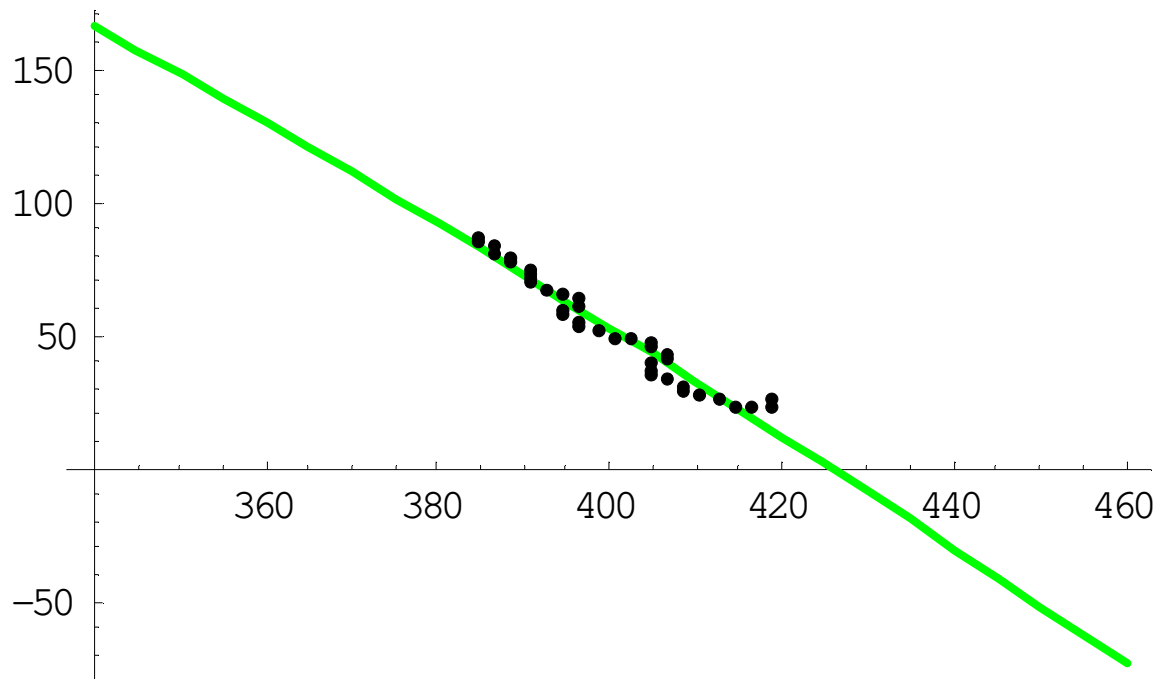
Trail + Contour 2x2



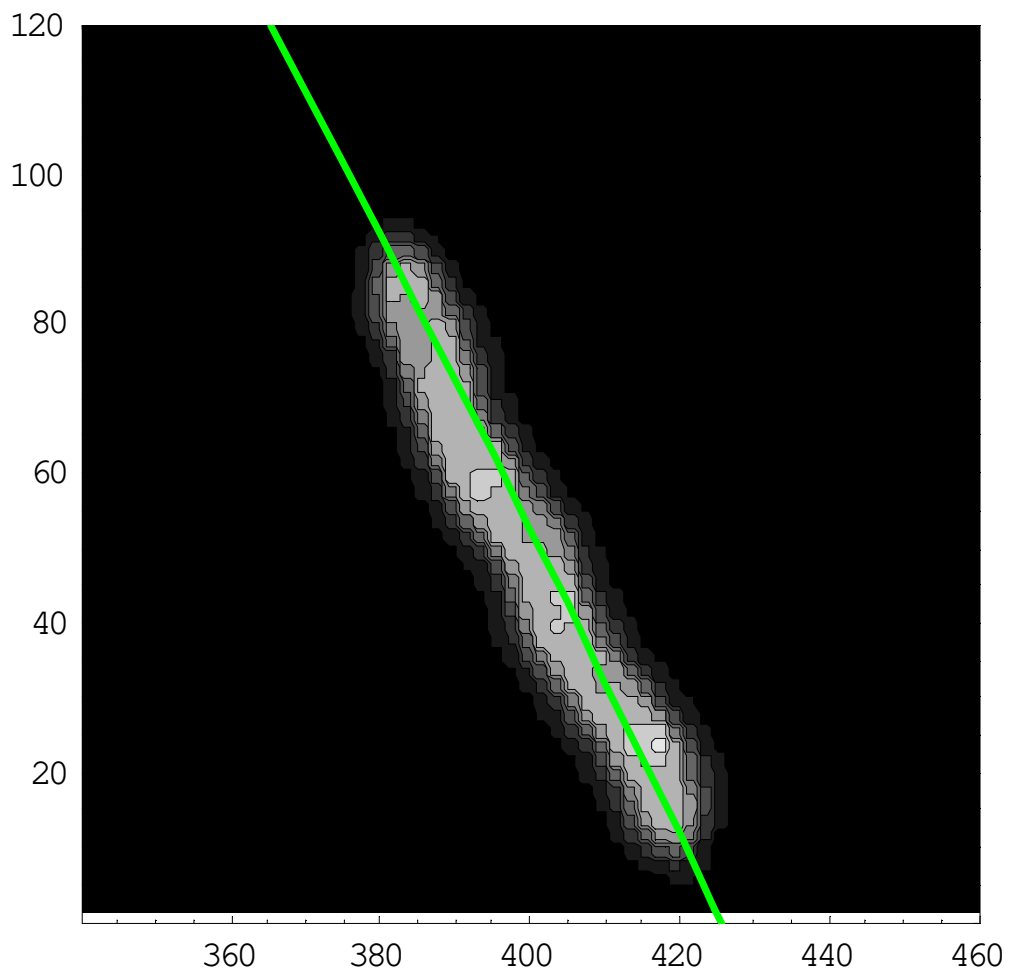
Parabole Fit



Circle '+' Fit

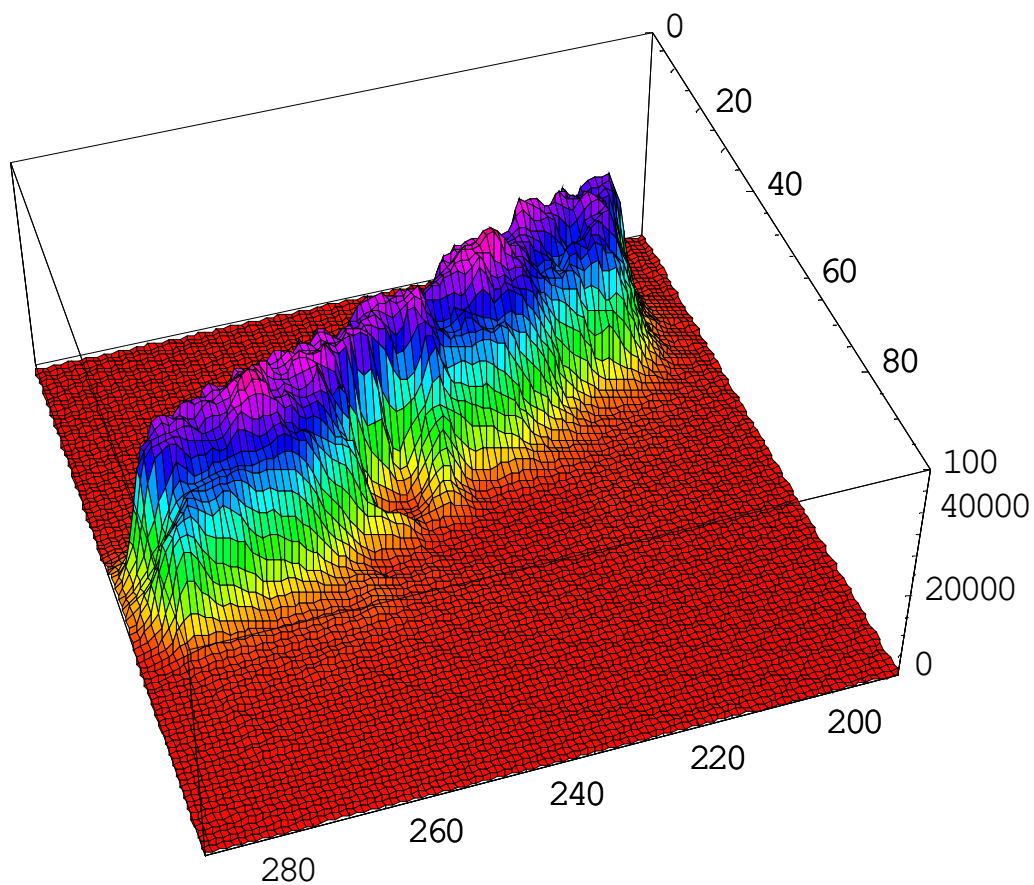


Circle '+' Fit on path

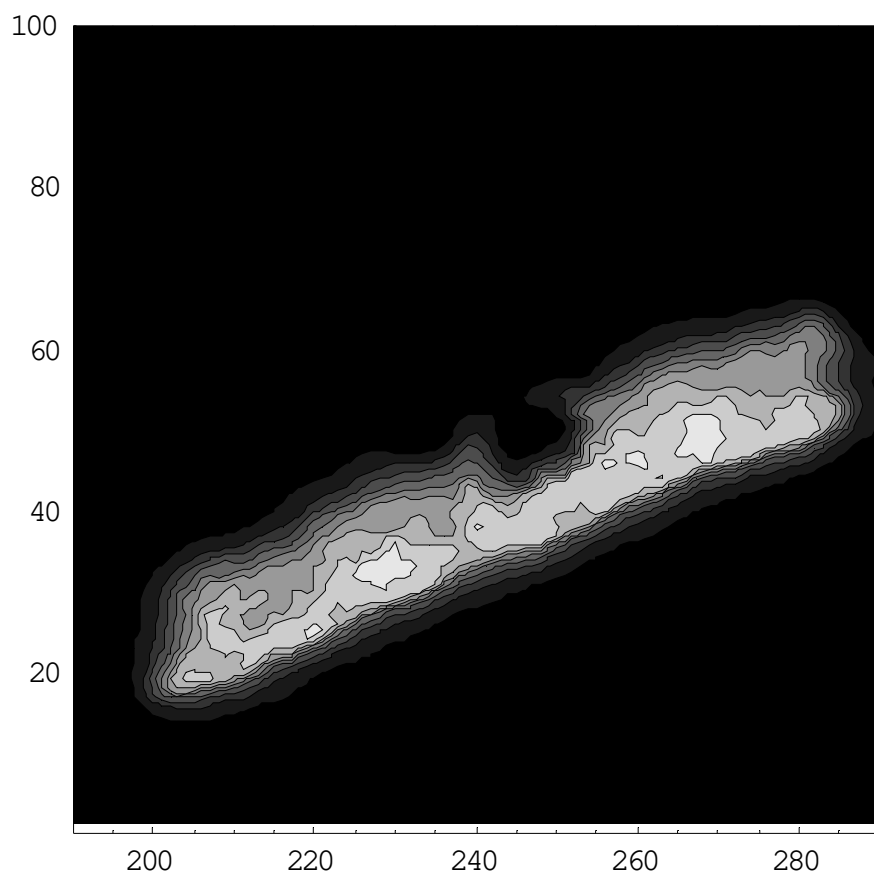


14-03-2008 A1 – JUNCAL

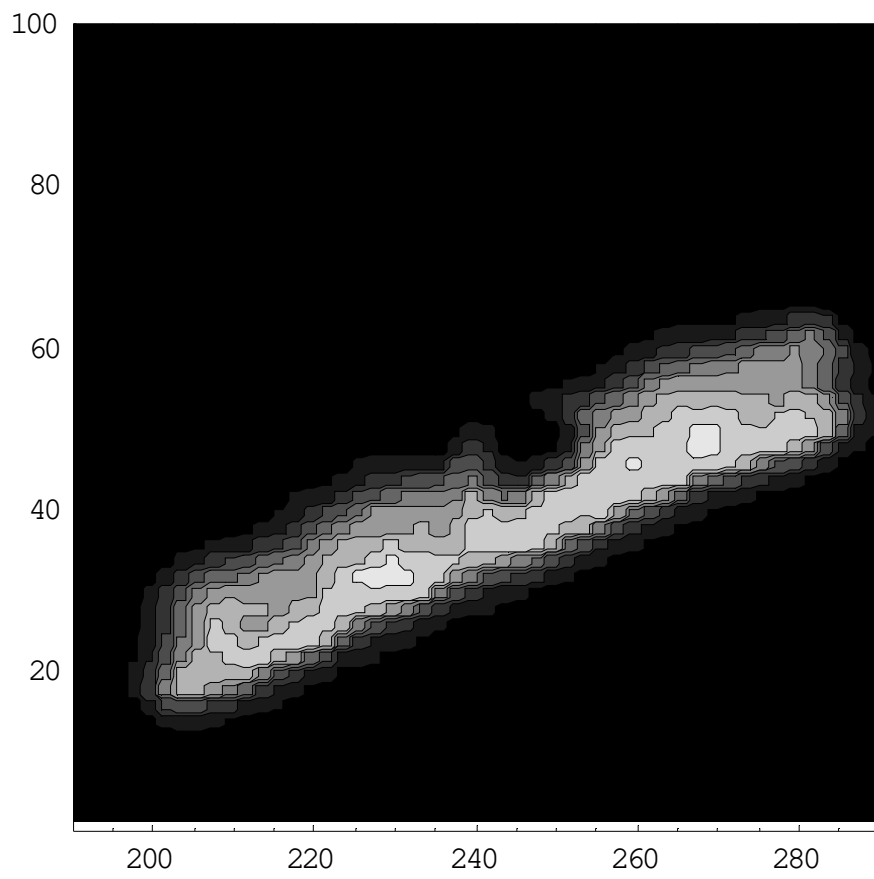
Trail 3D



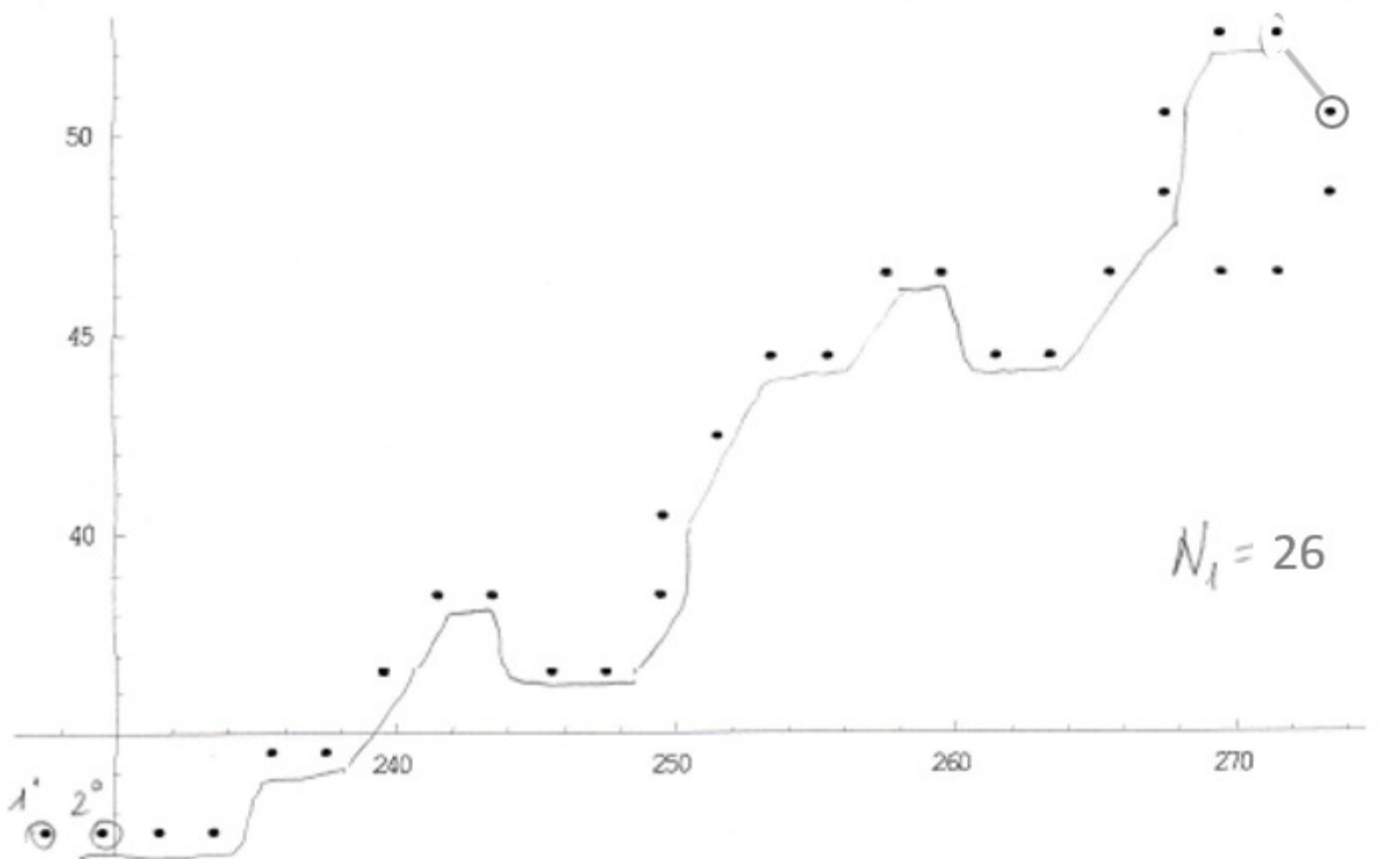
Contour 1x1

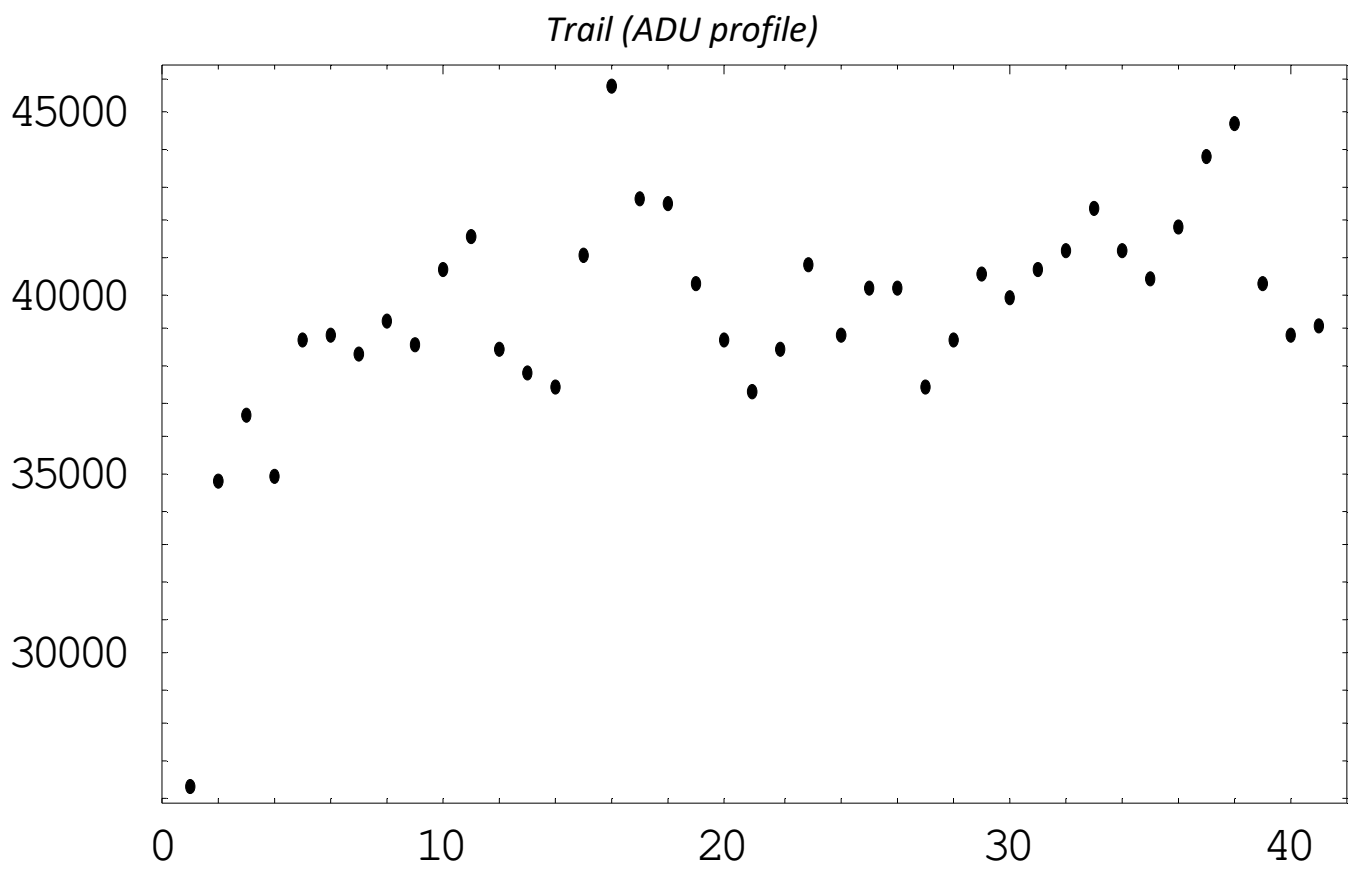
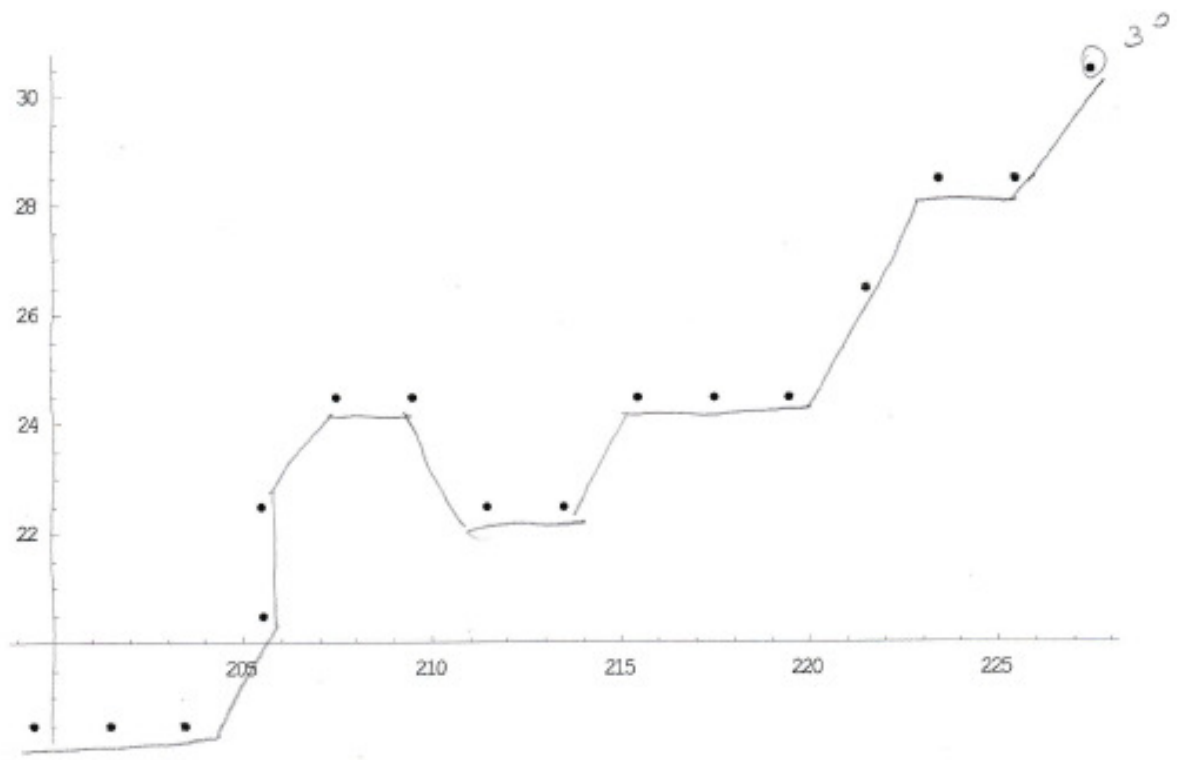


Contour 2x2

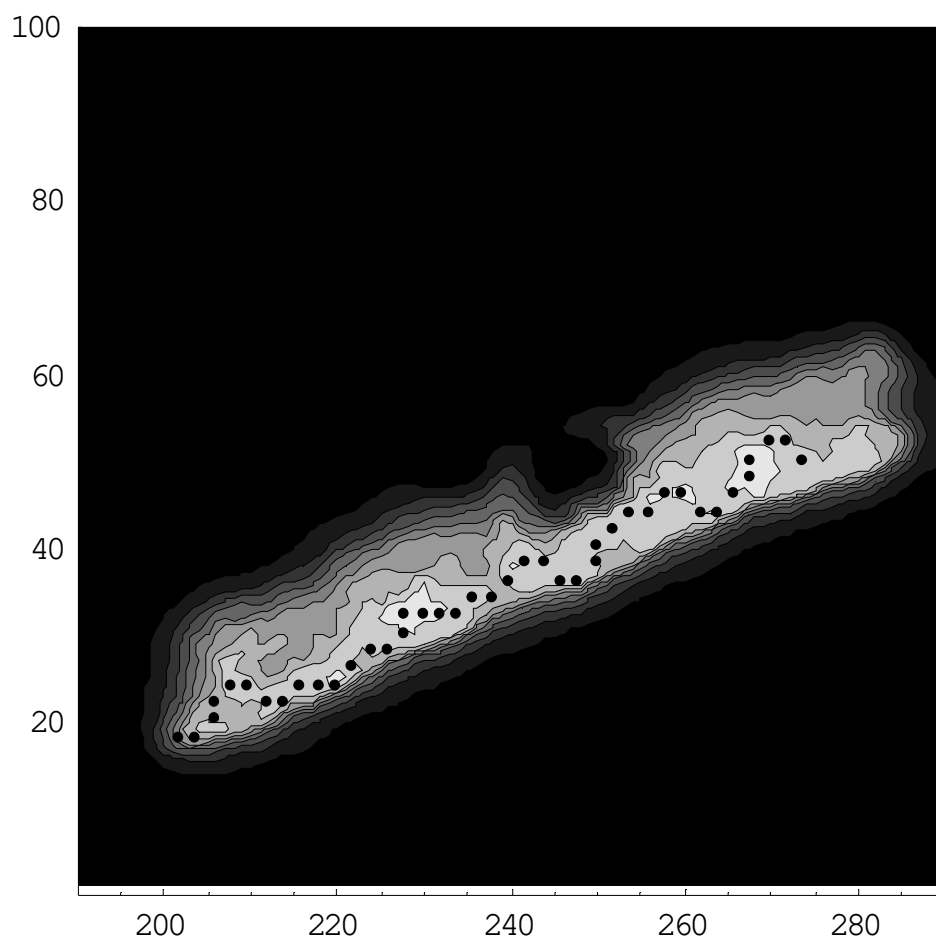


$c+f$ vectors

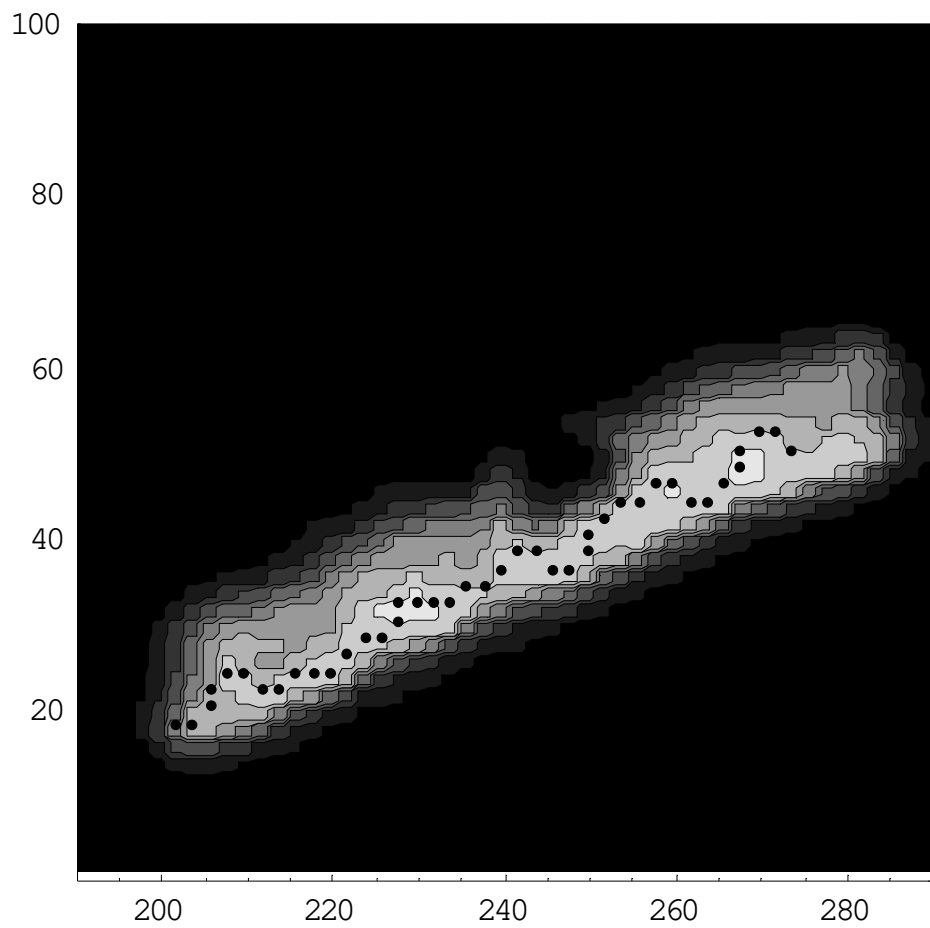




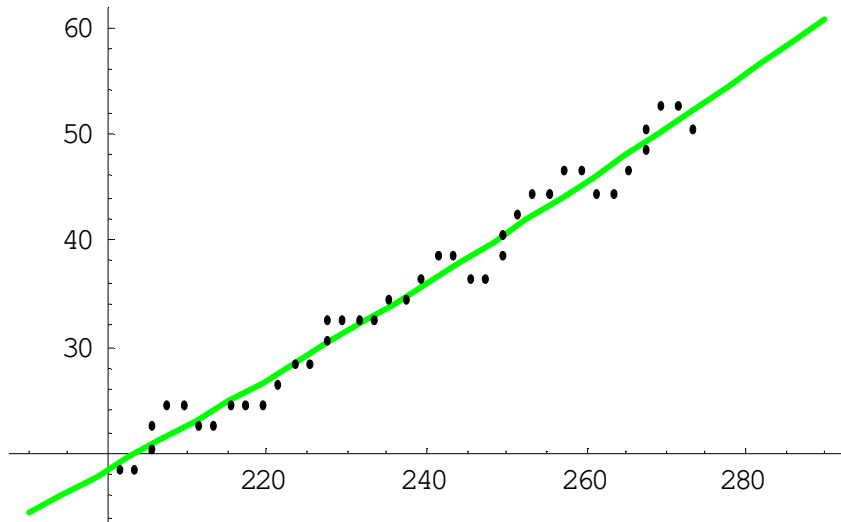
Trail + Contour 1x1



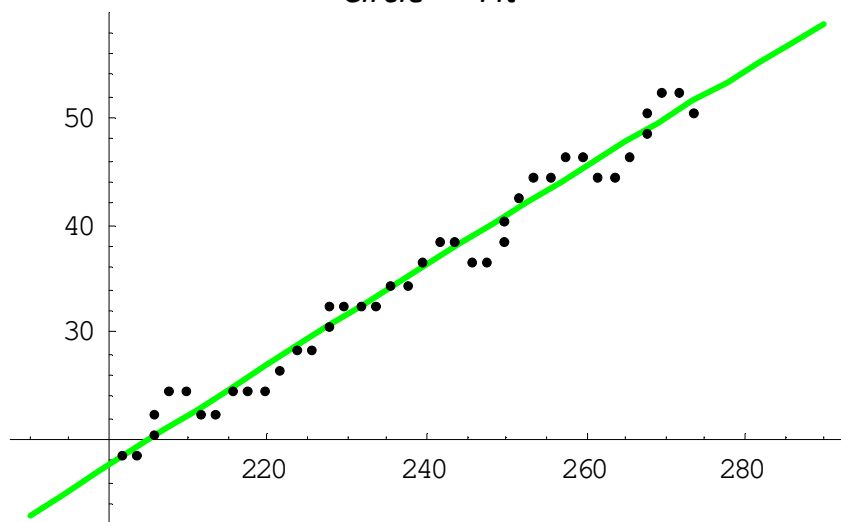
Trail + Contour 2x2



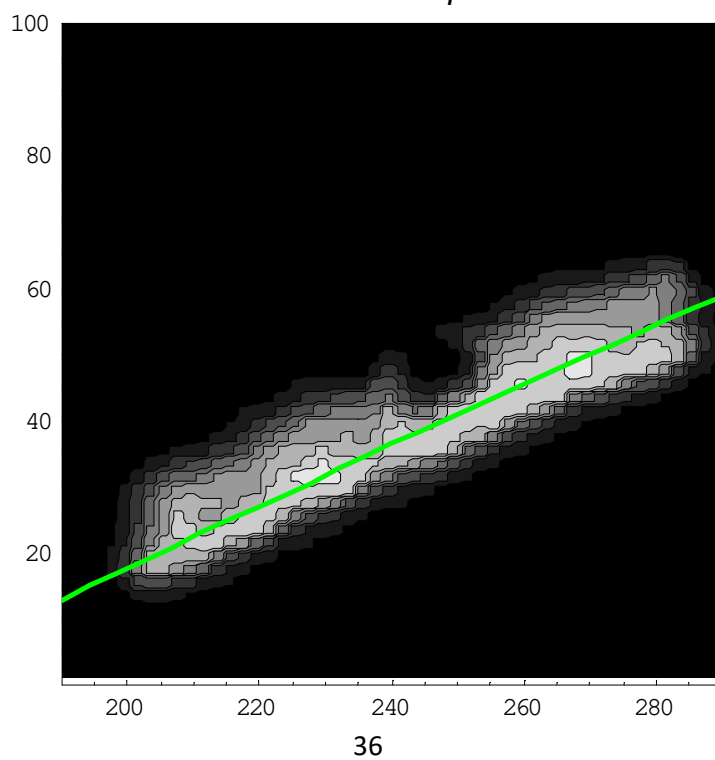
Parabole Fit



Circle '+' Fit



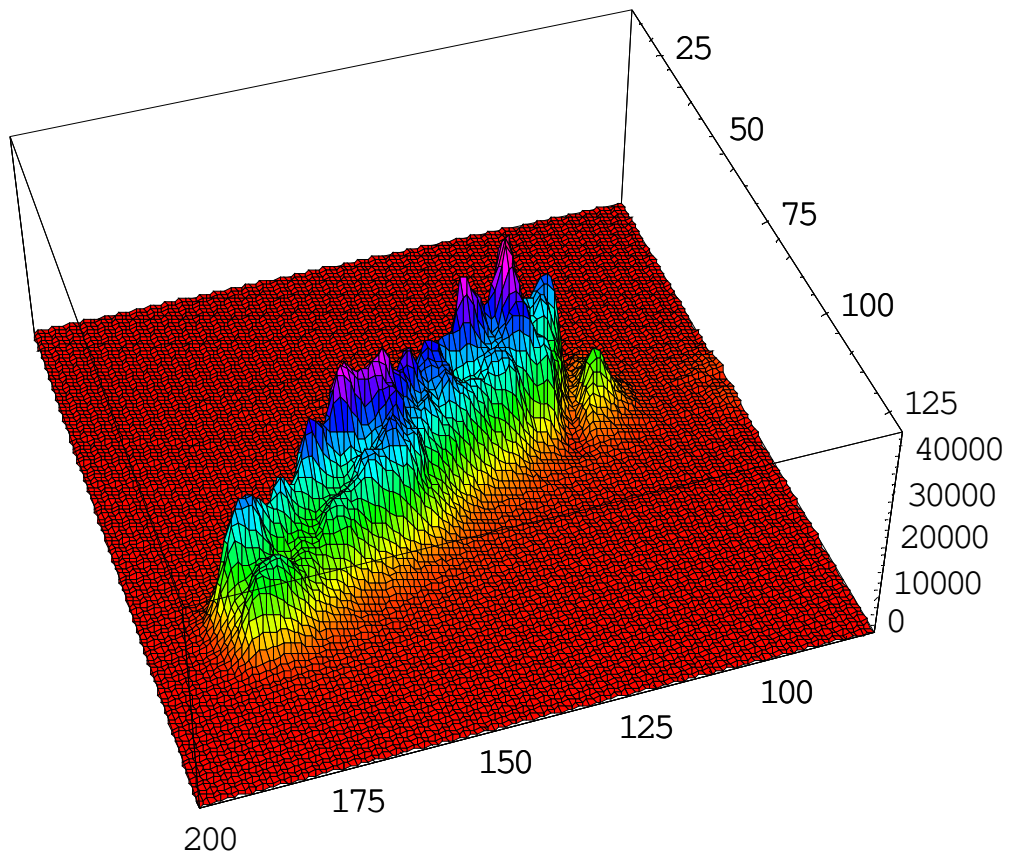
Circle '+' Fit on path



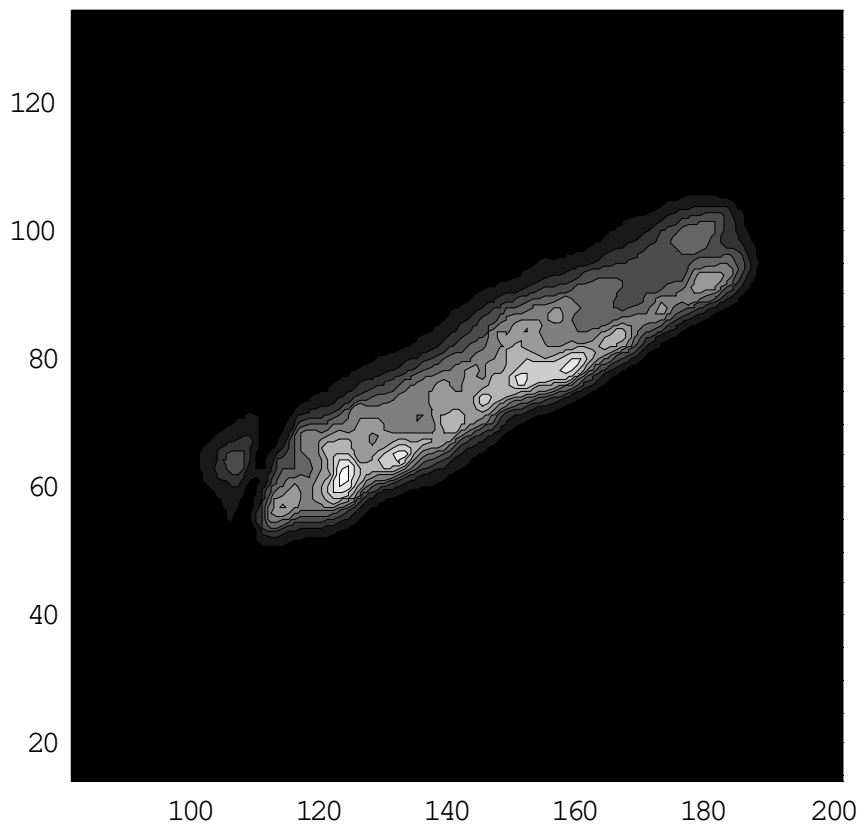
14-03-2008

A2 - ACHADA GRANDE

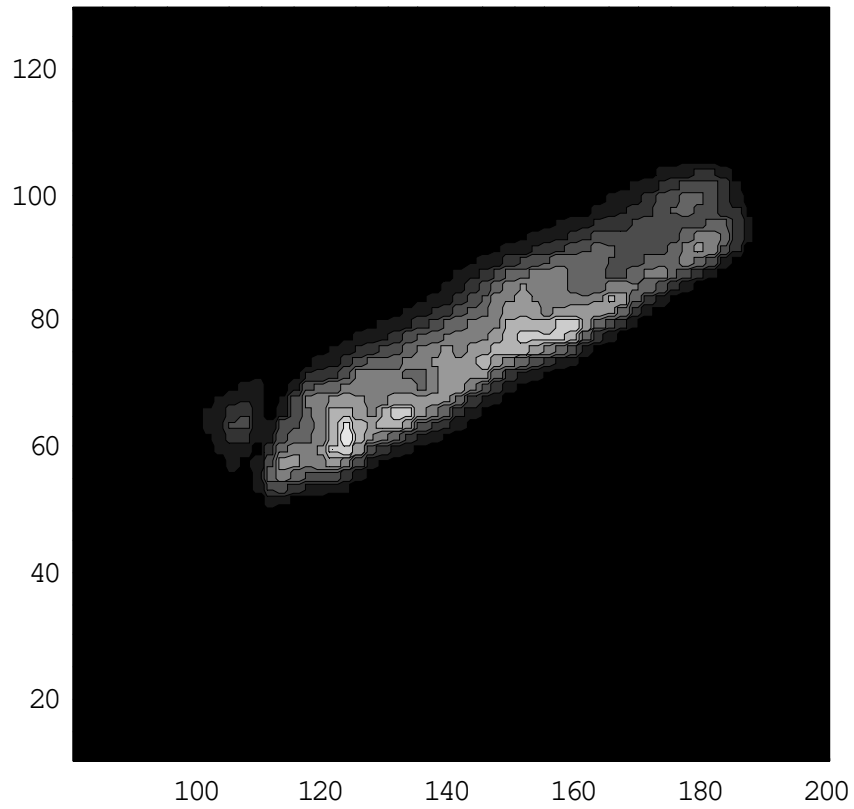
Trail 3D



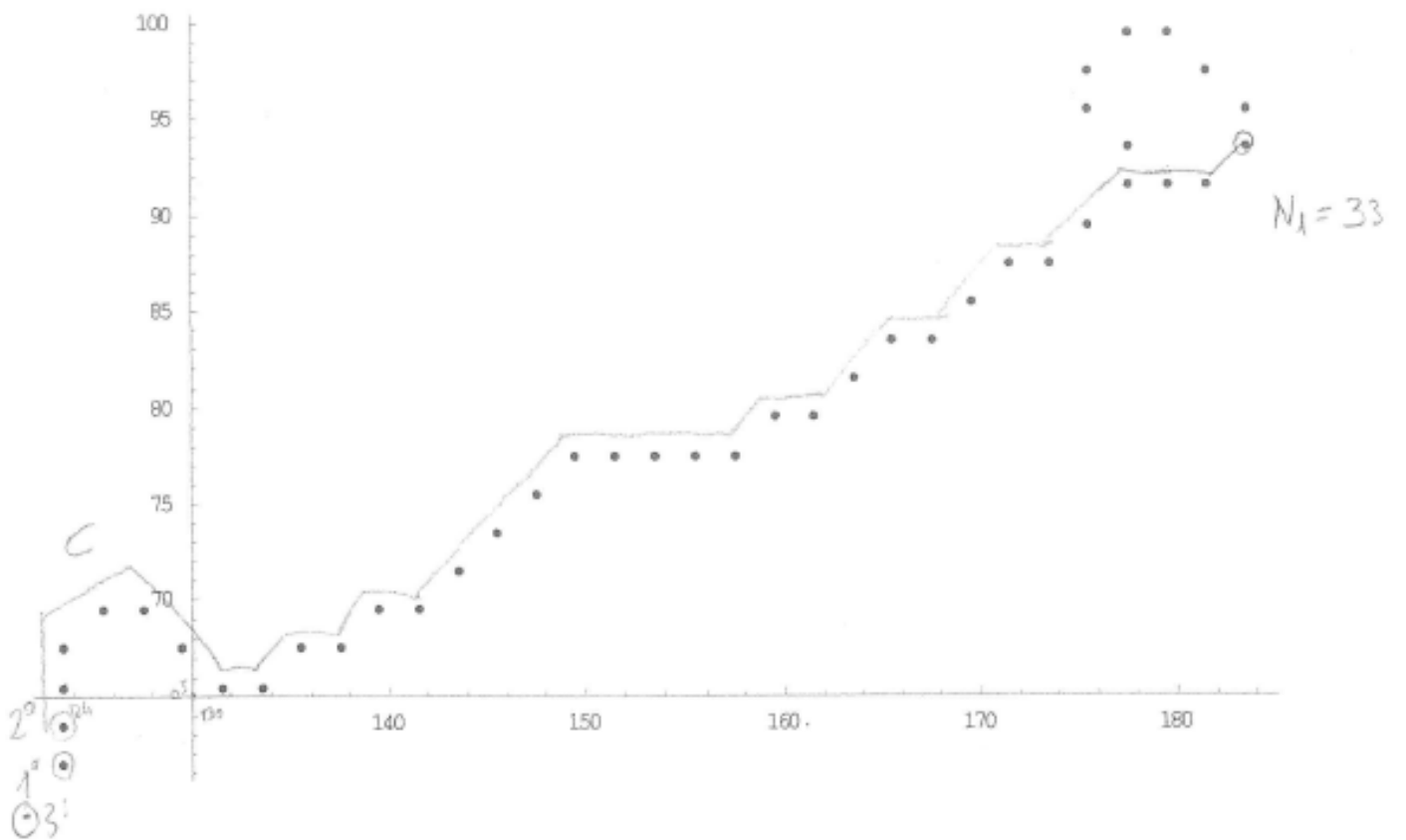
Contour 1x1

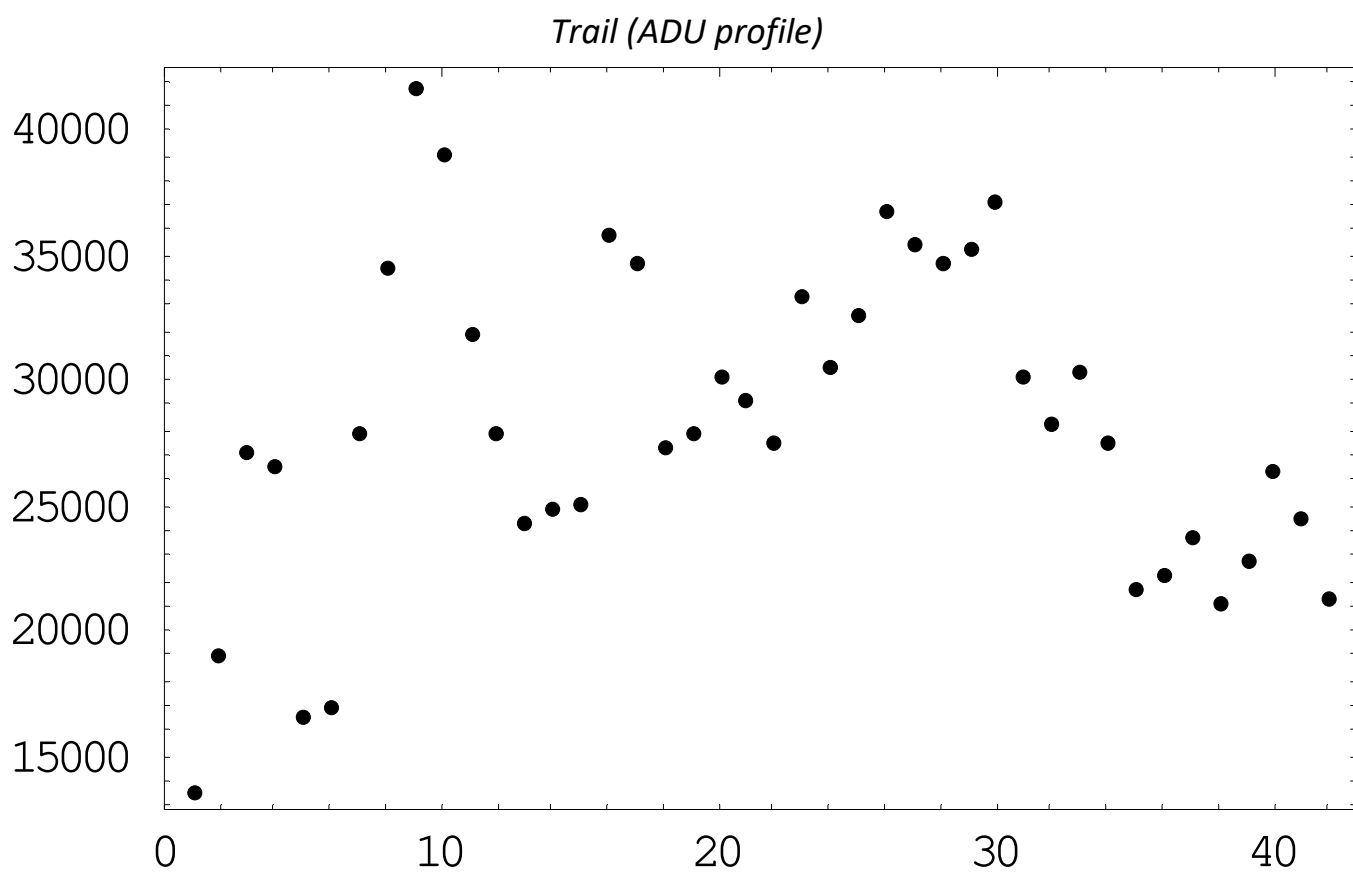
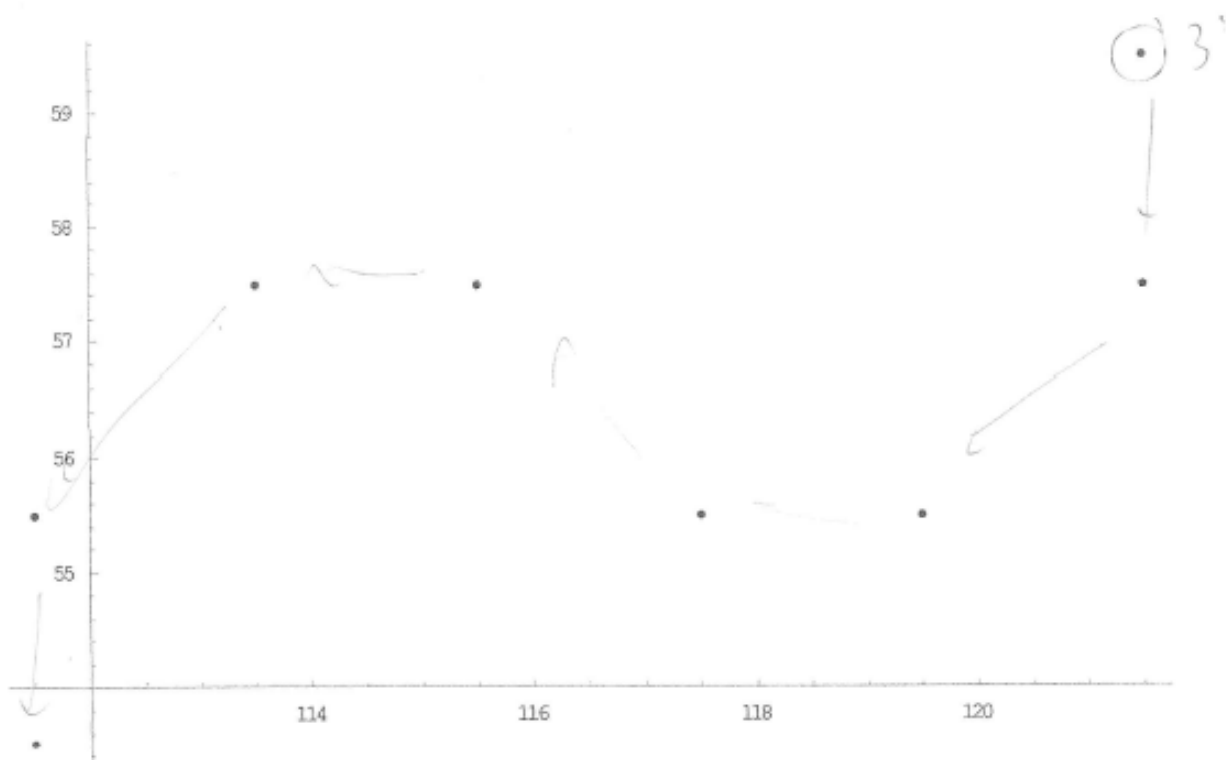


Contour 2x2

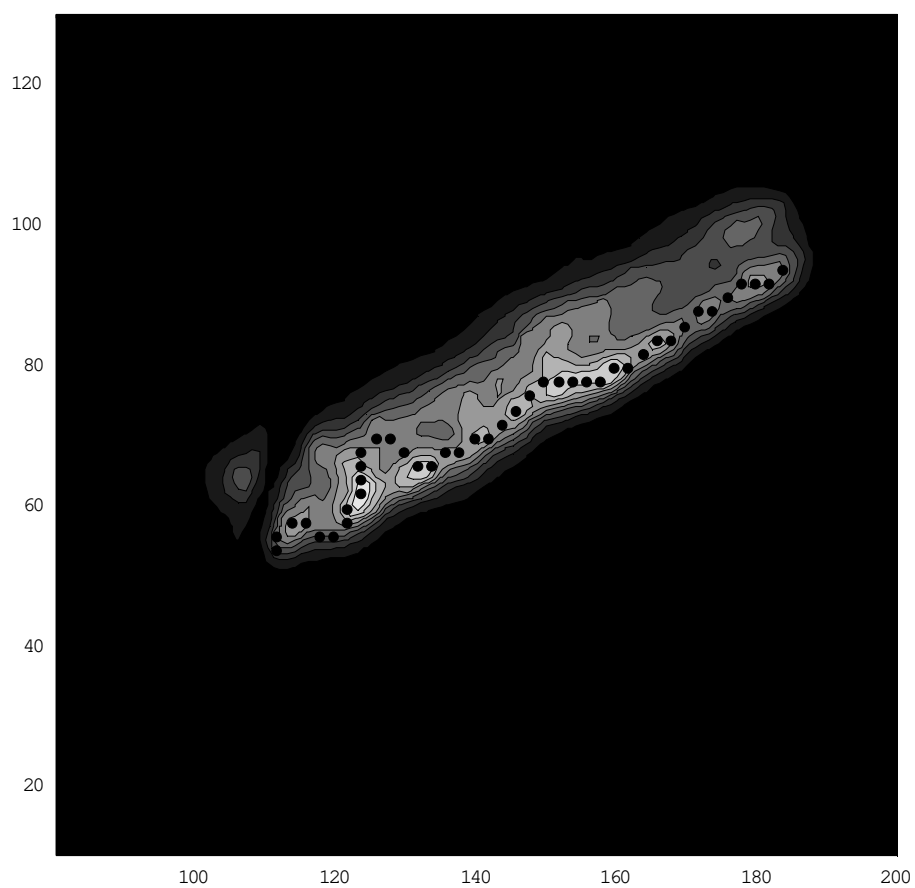


$c+f$ vectors

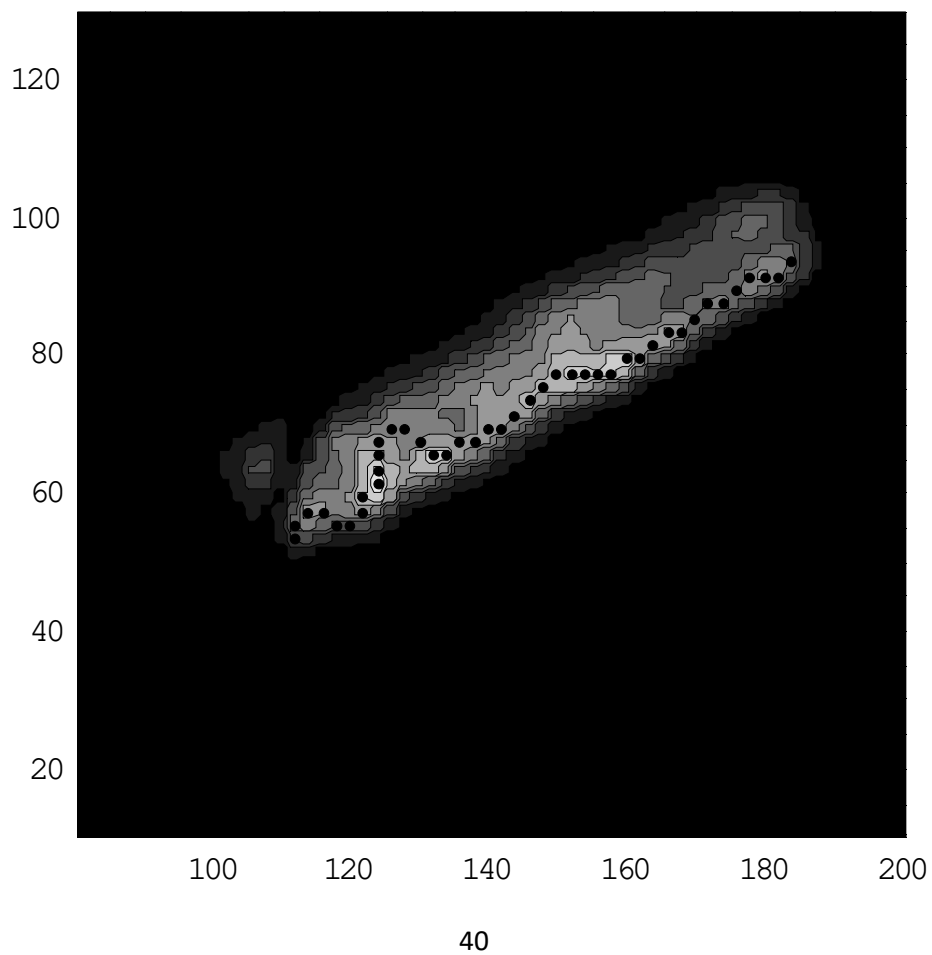




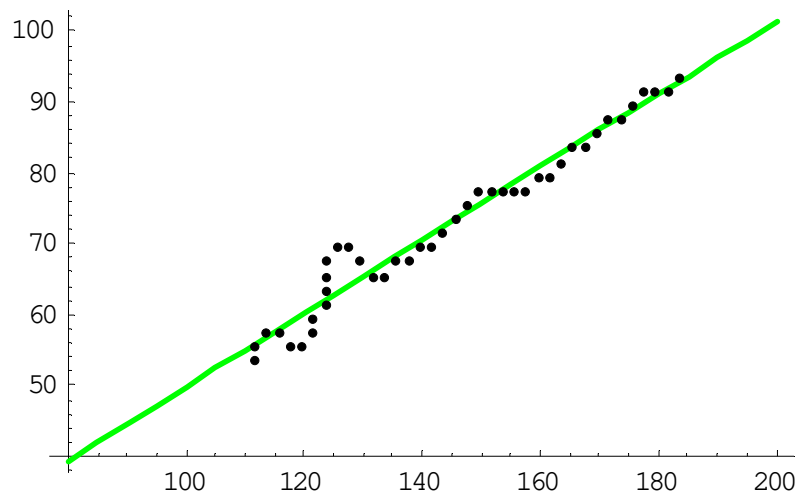
Trail + Contour 1x1



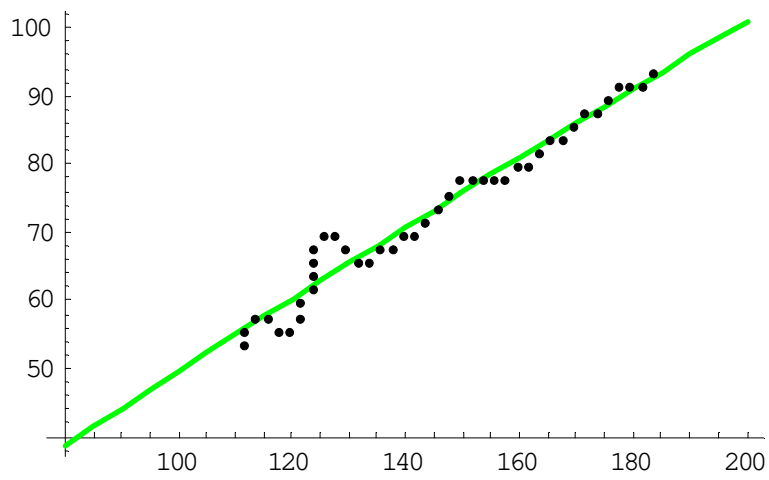
Trail + Contour 2x2



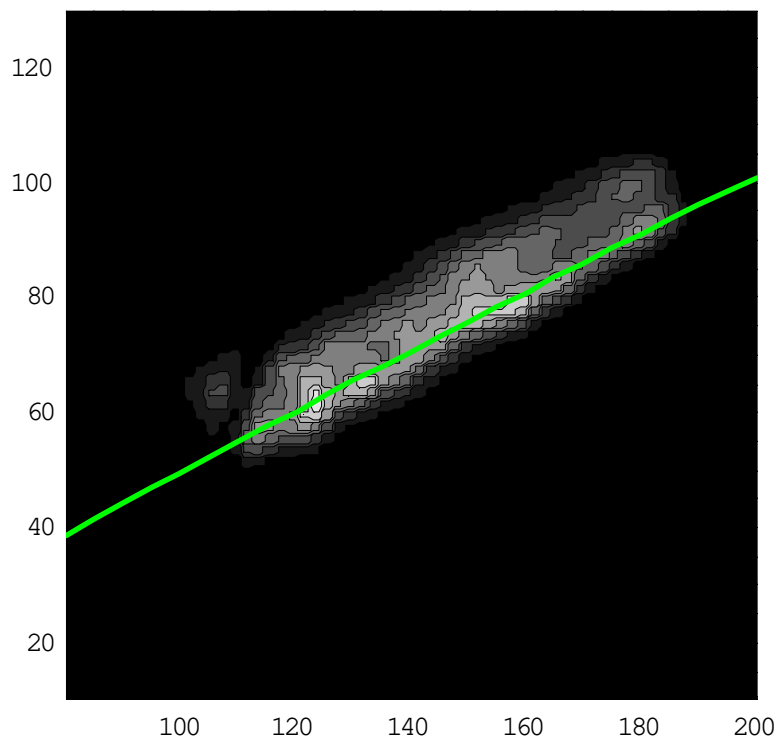
Parabole Fit



Circle '+' Fit



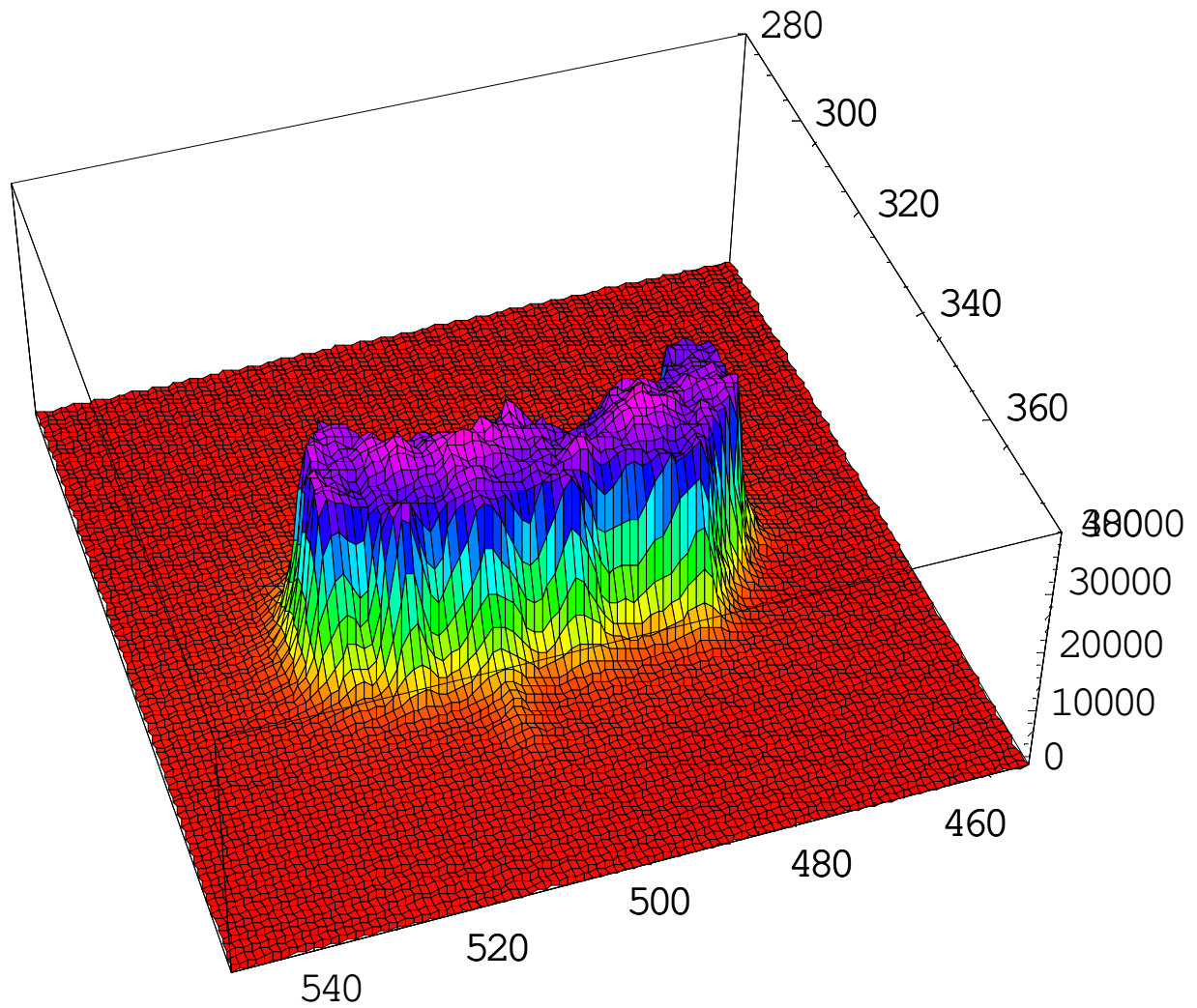
Circle '+' Fit on path



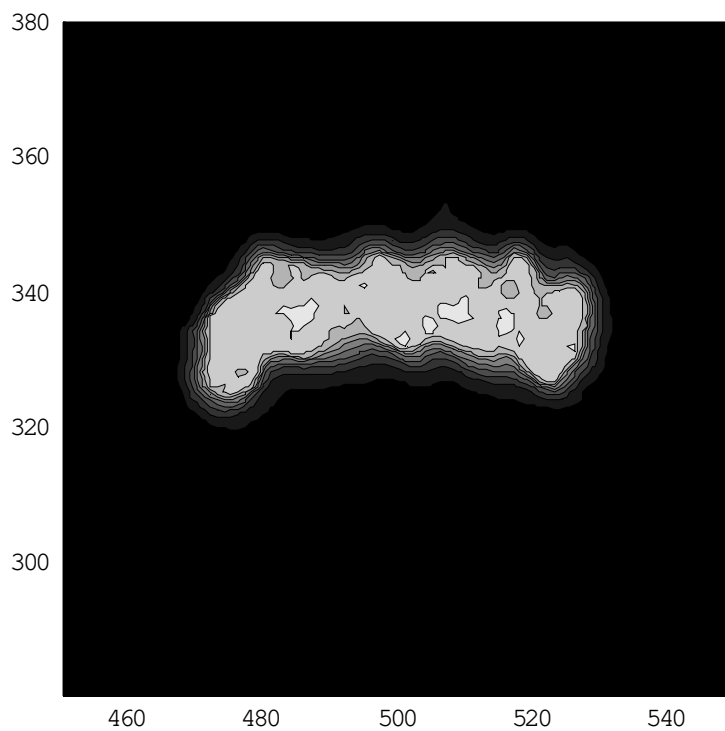
15-03-2008

B1 - ACHADA DO TEIXEIRA

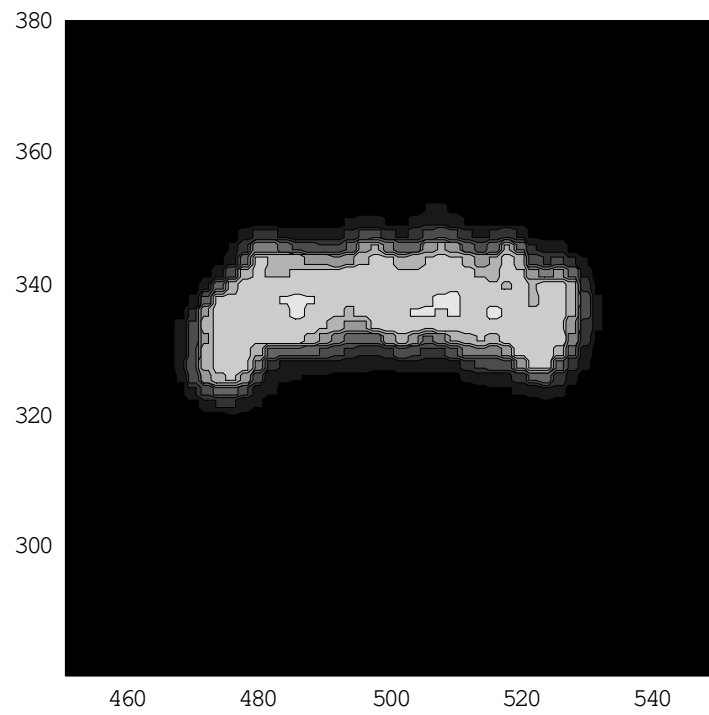
Trail 3D



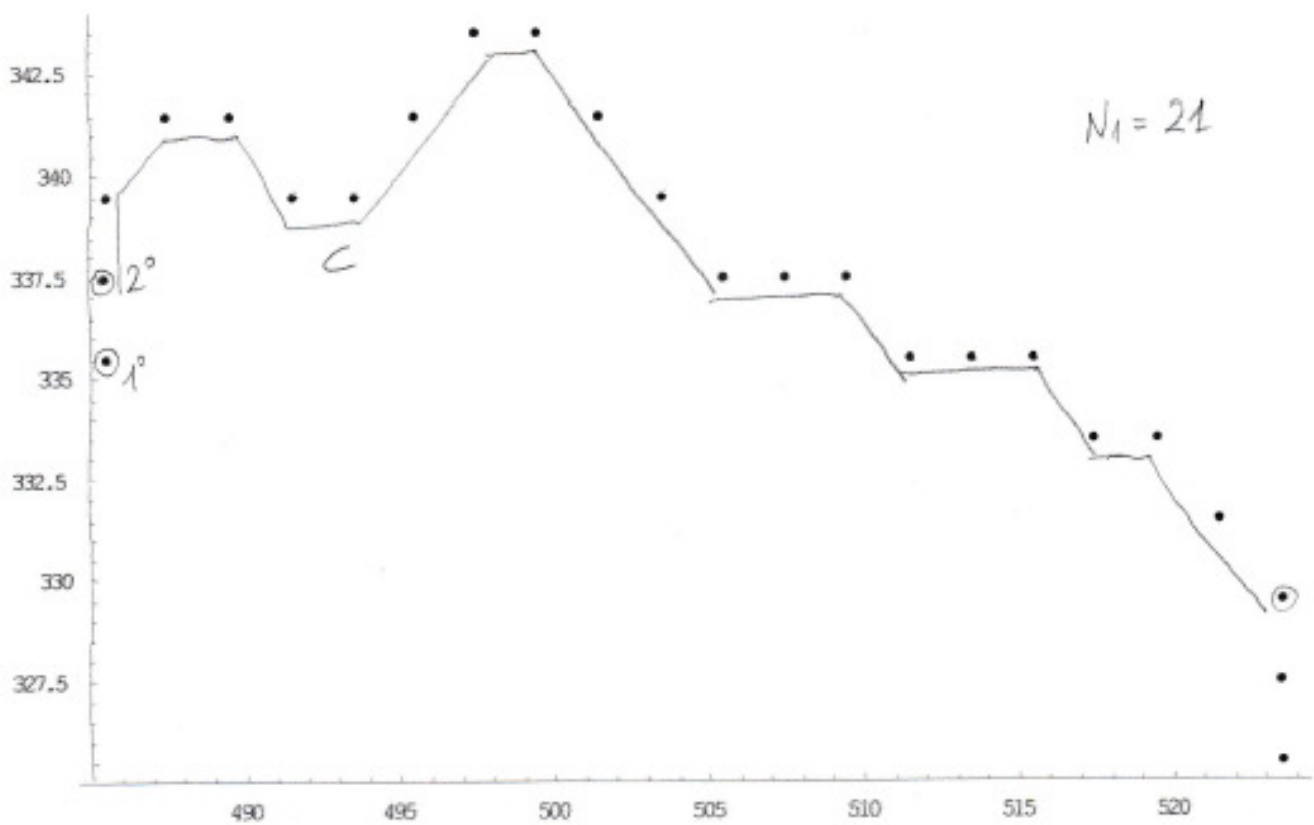
Contour 1x1

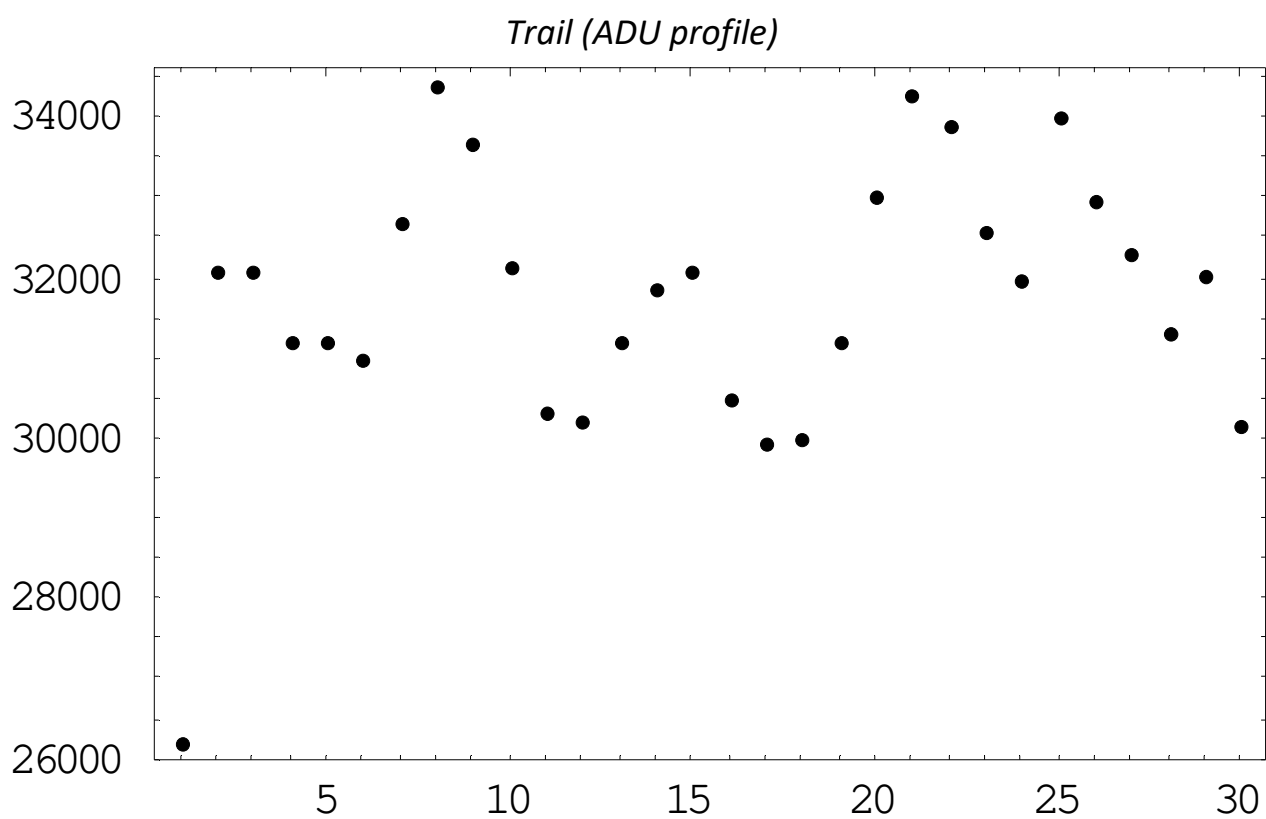
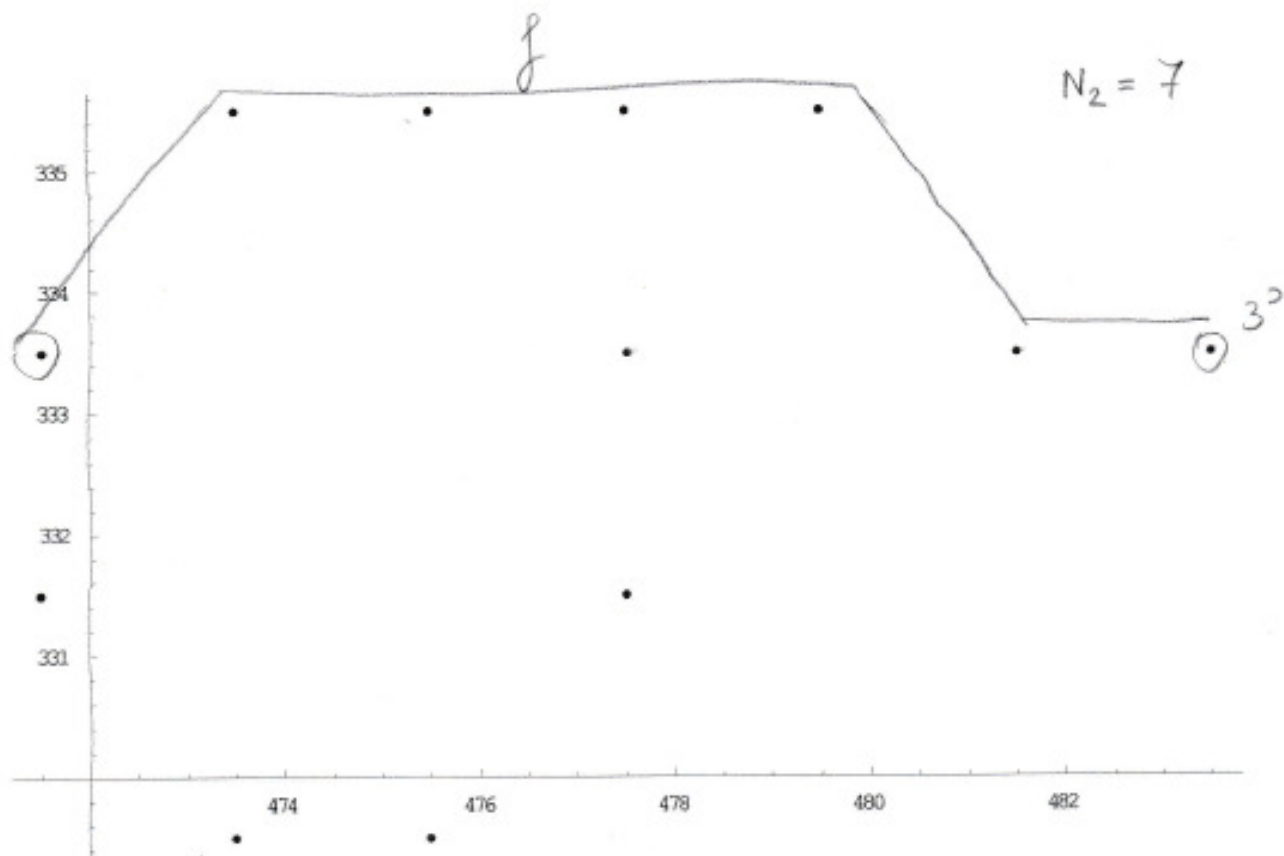


Contour 2x2

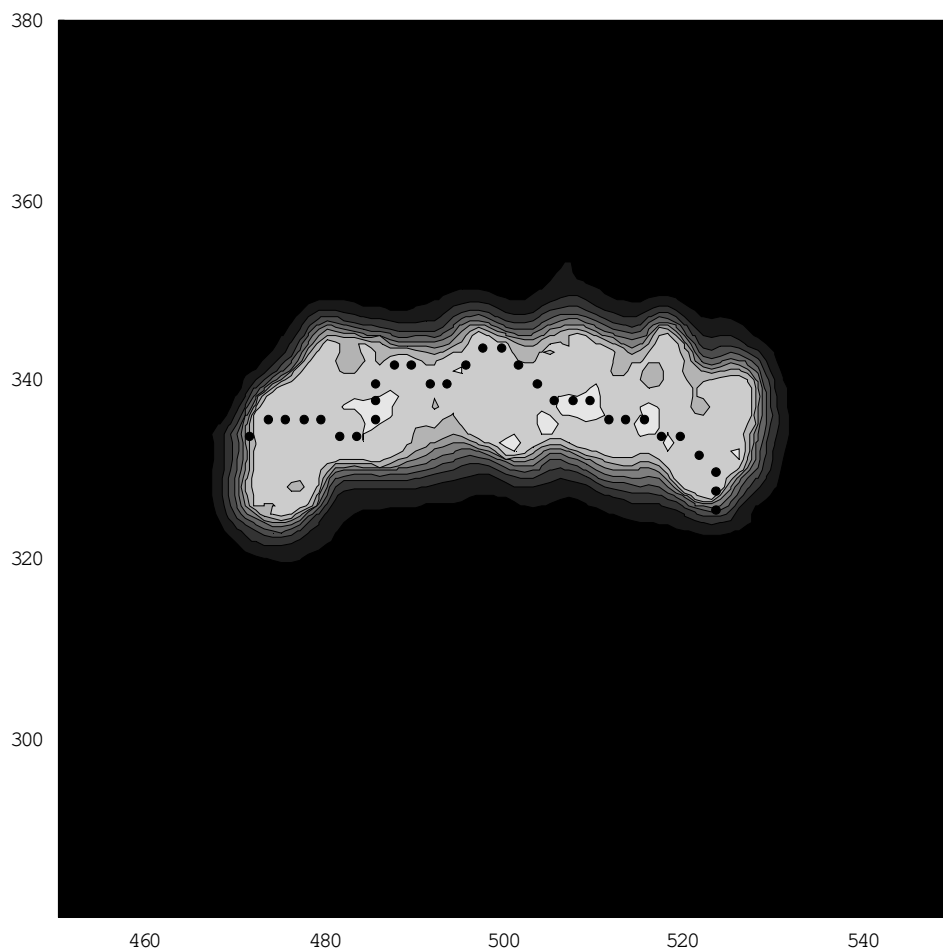


$c+f$ vectors

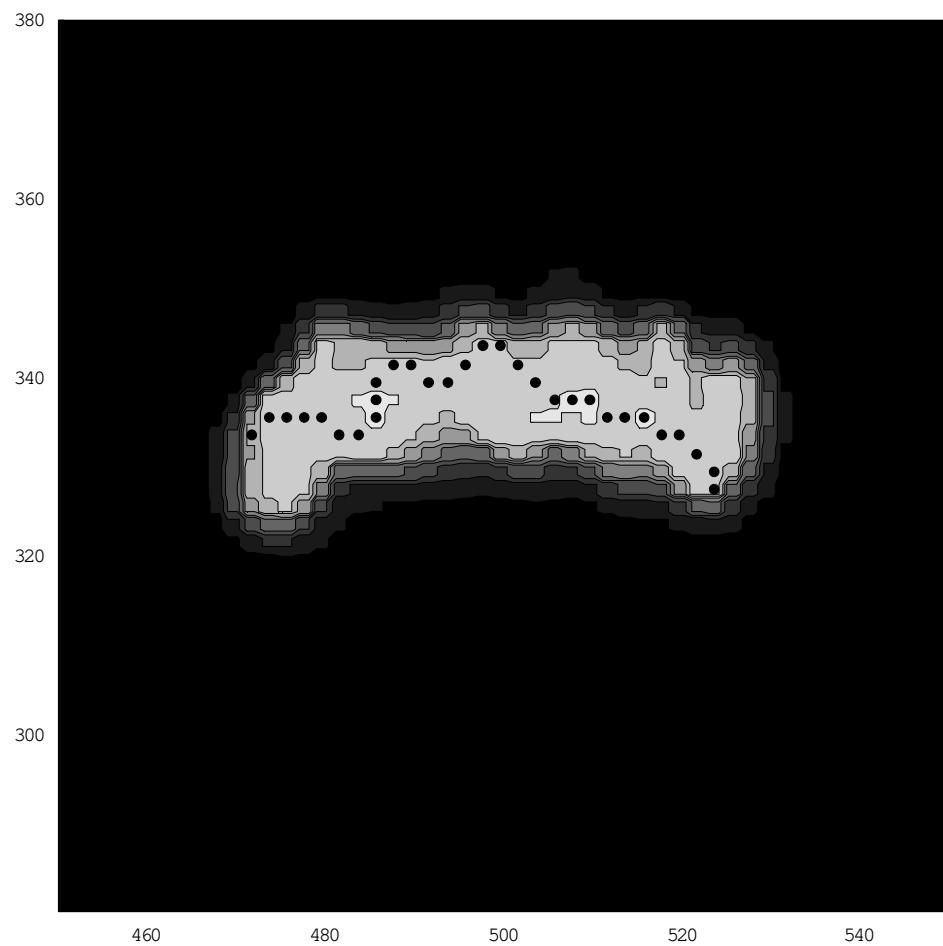


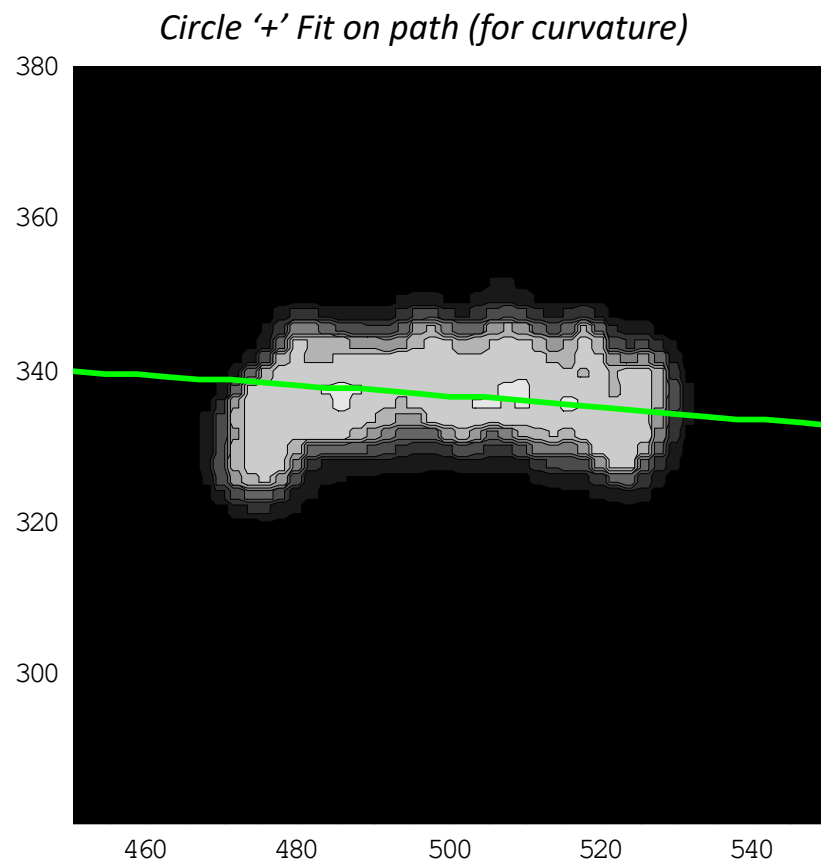
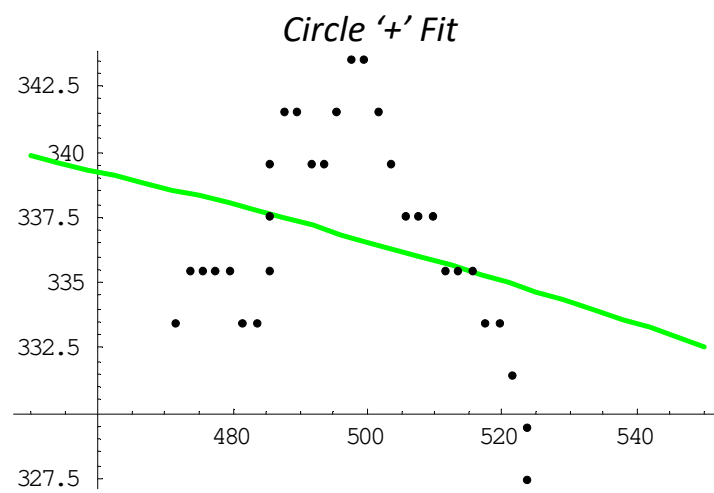
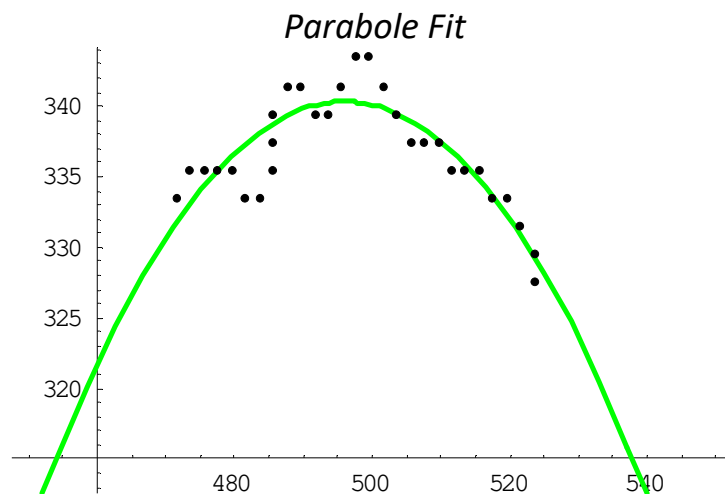


Trail + Contour 1x1



Trail + Contour 2x2

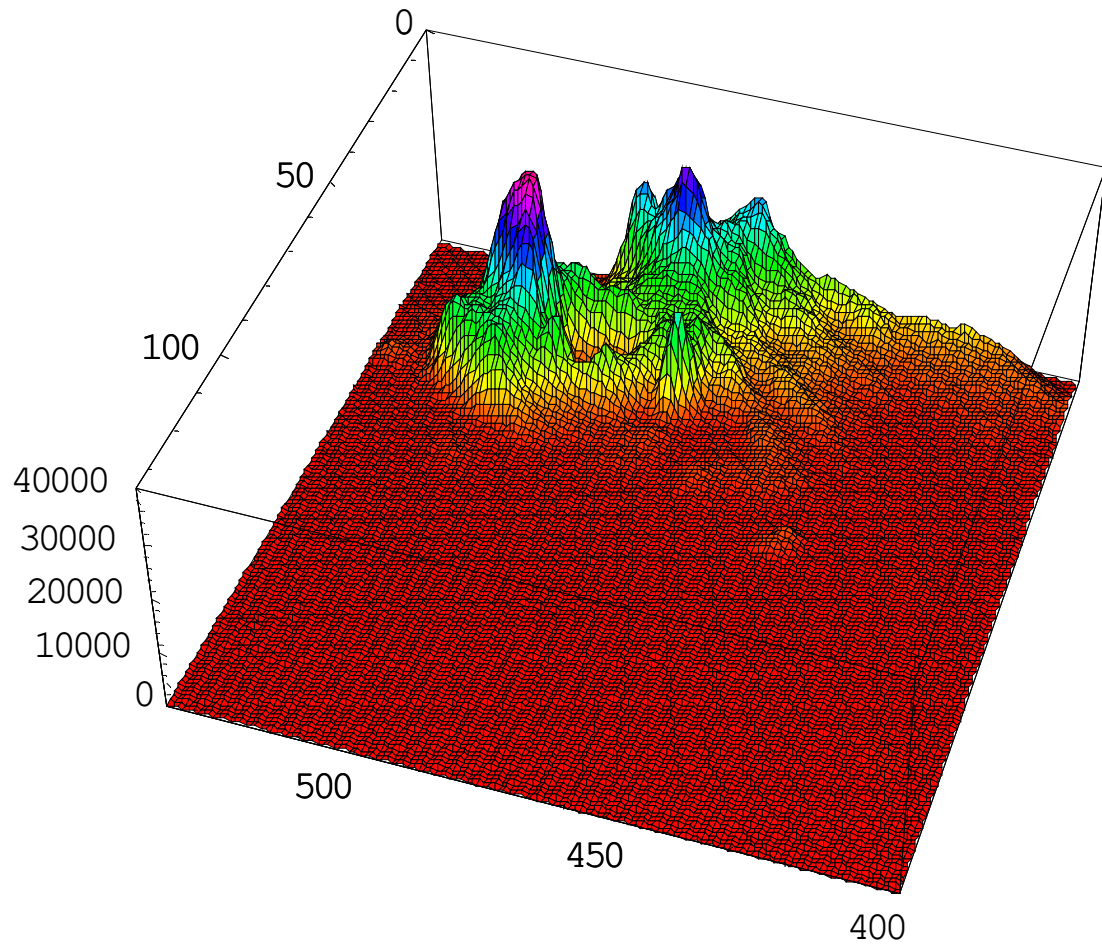




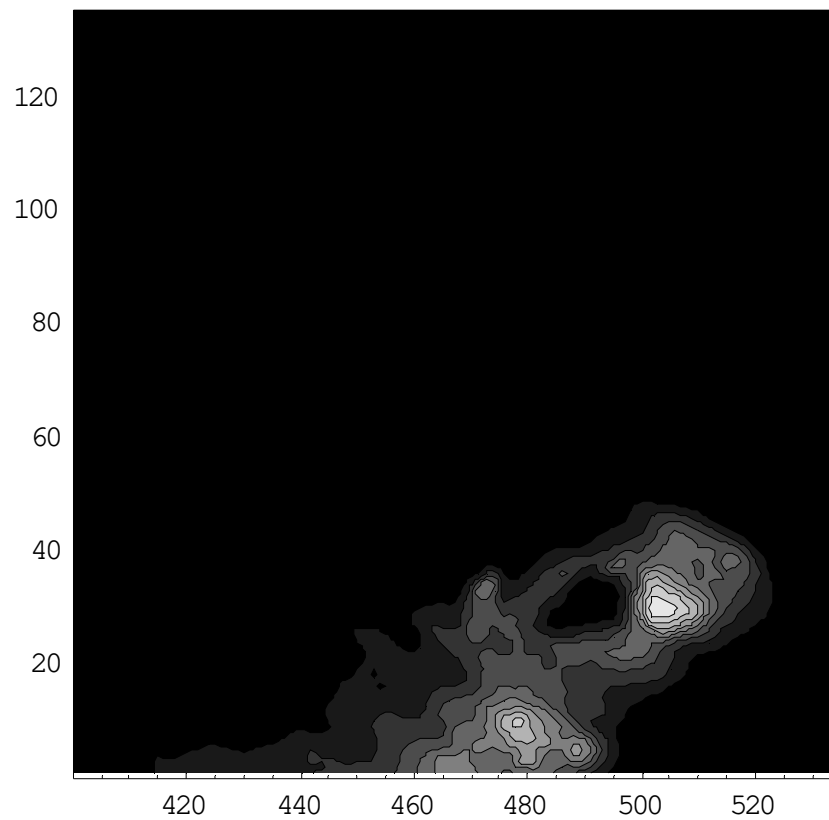
28-03-2008

A1 – JUNCAL (with “lobe work”)

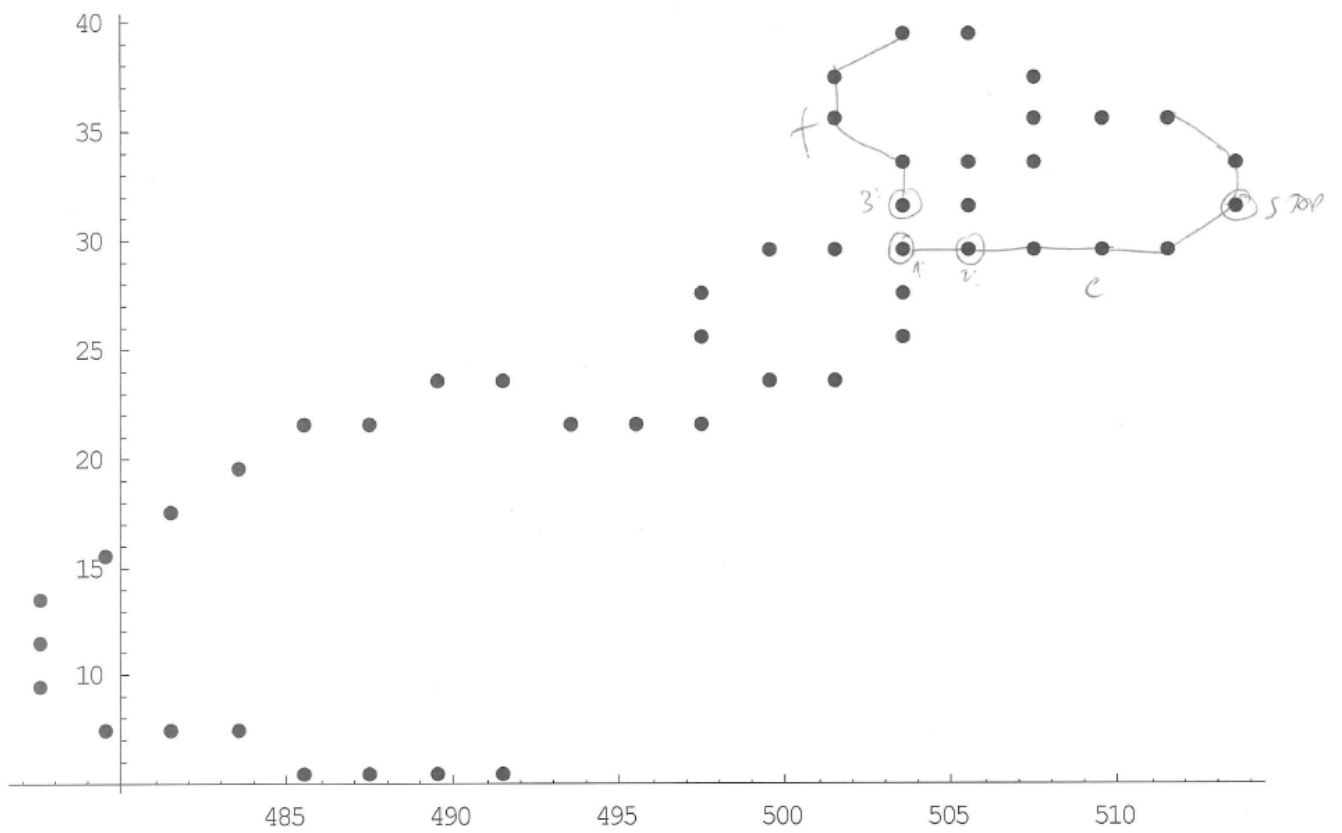
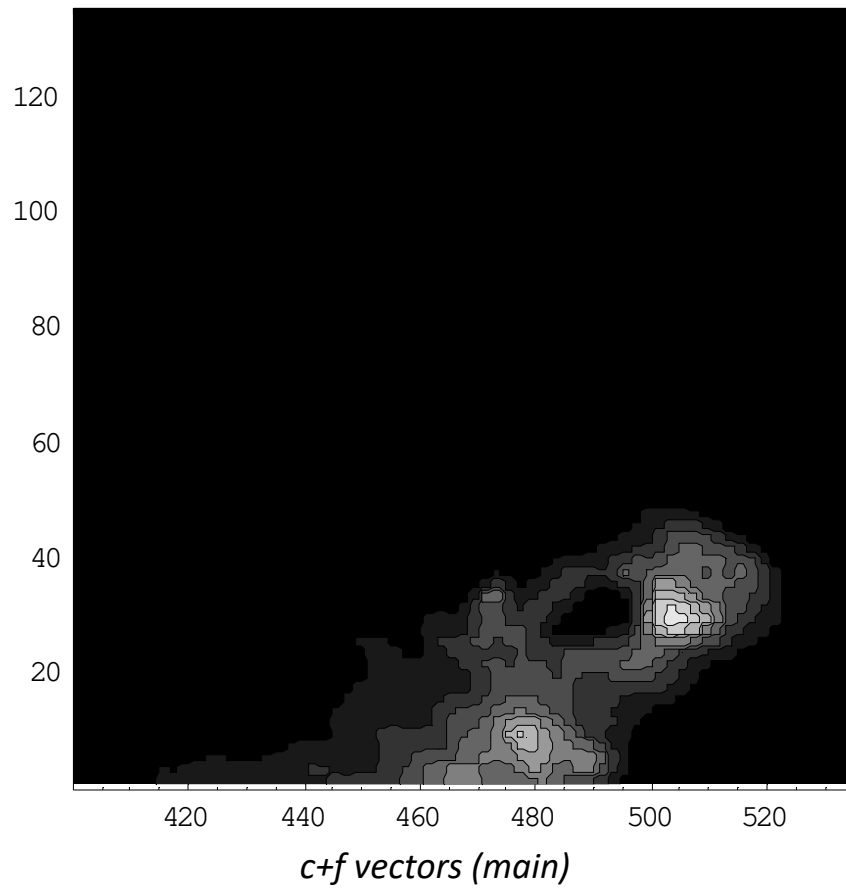
Trail 3D



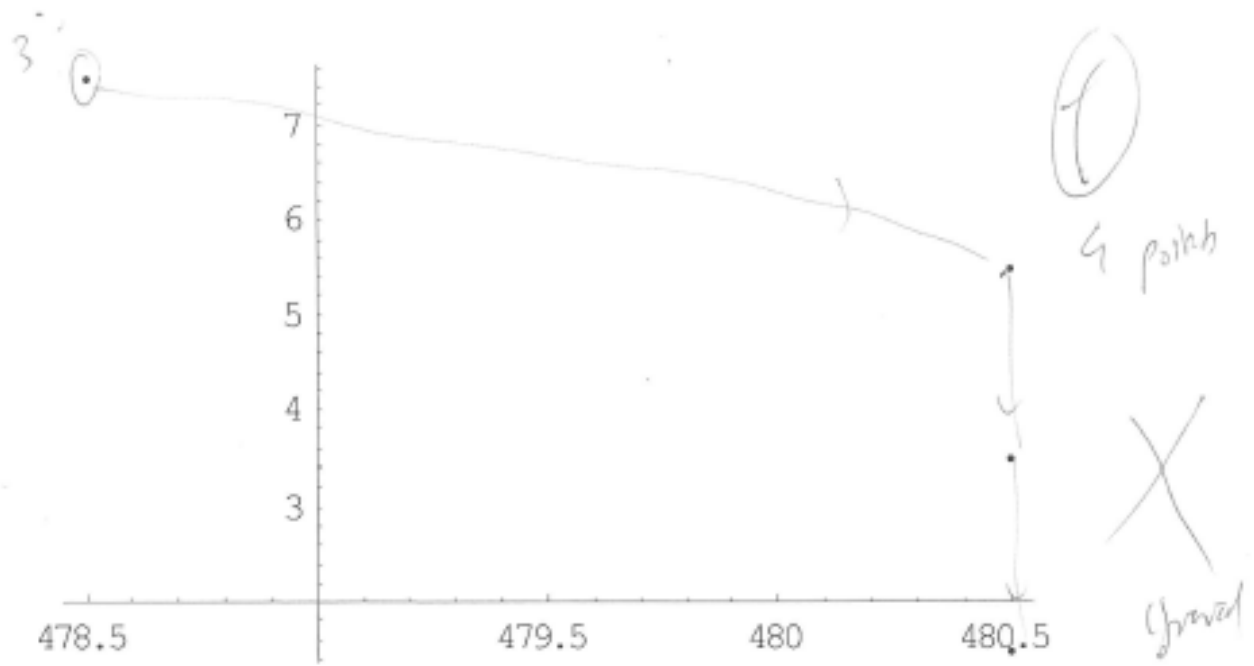
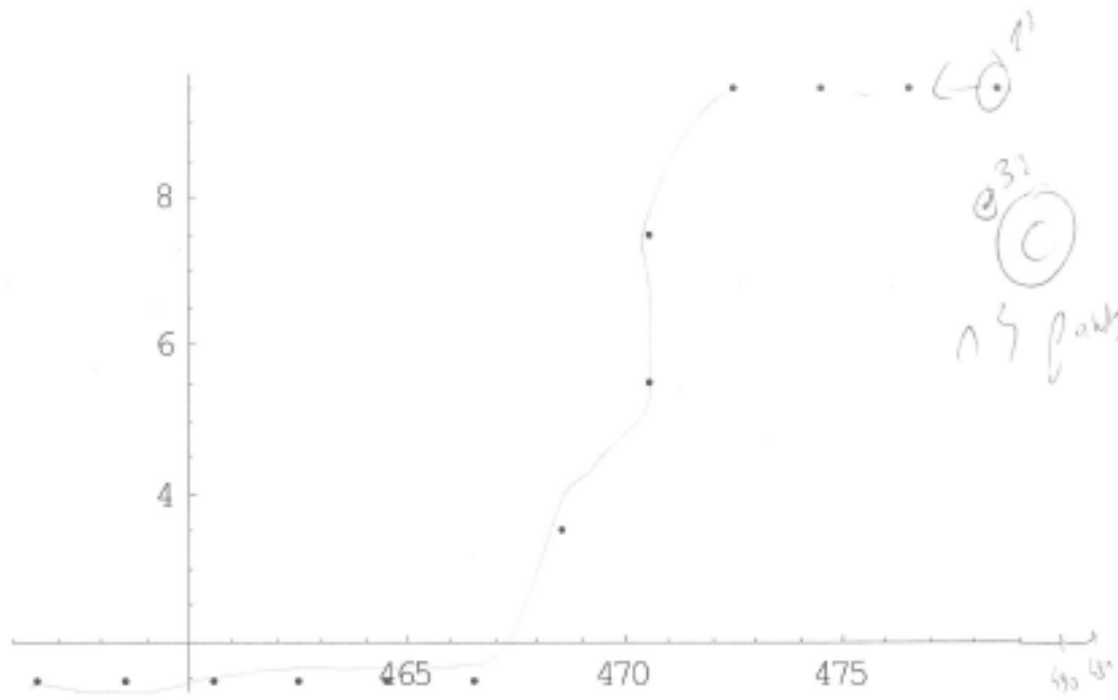
Contour 1x1



Contour 2x2



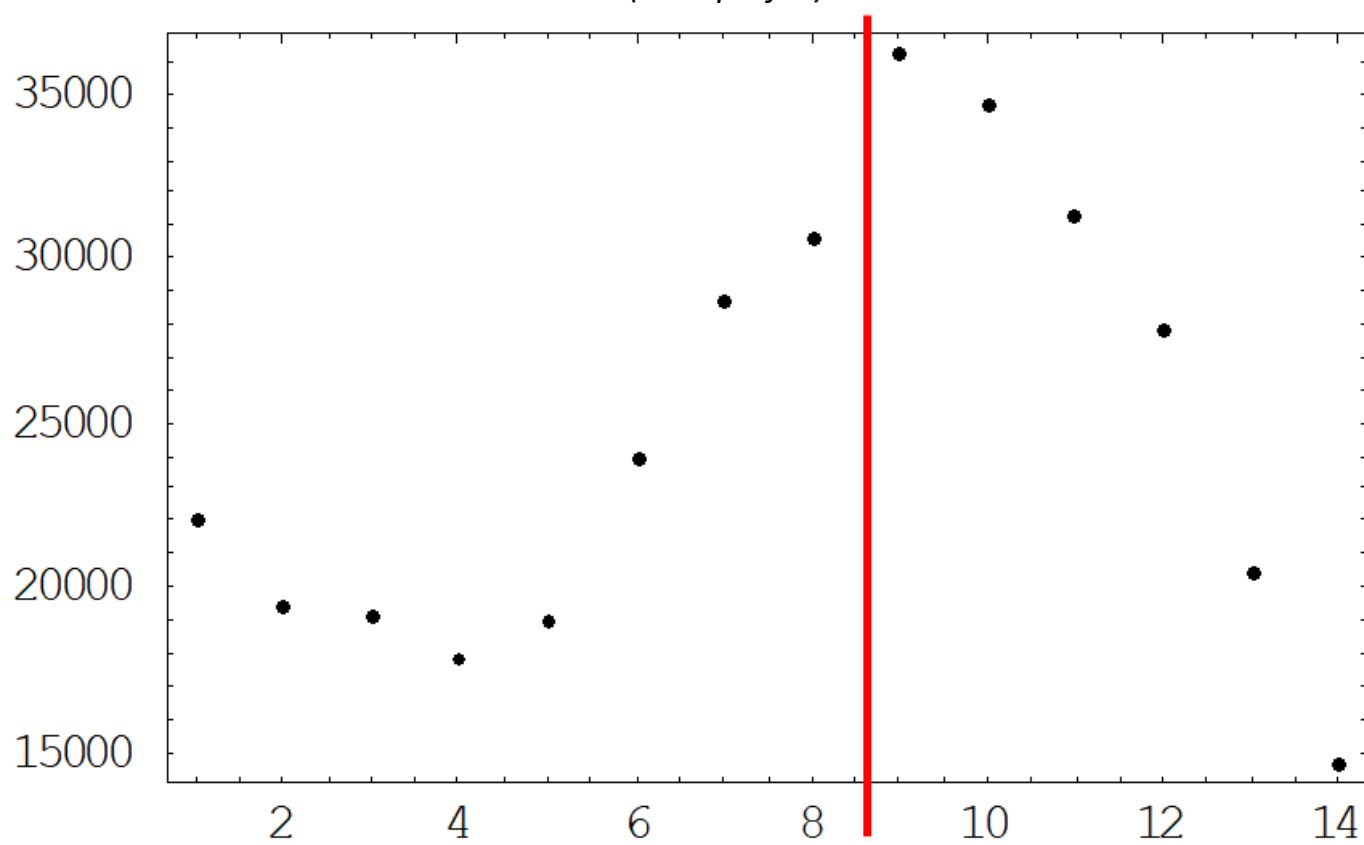
$c+f$ vectors (lobe)



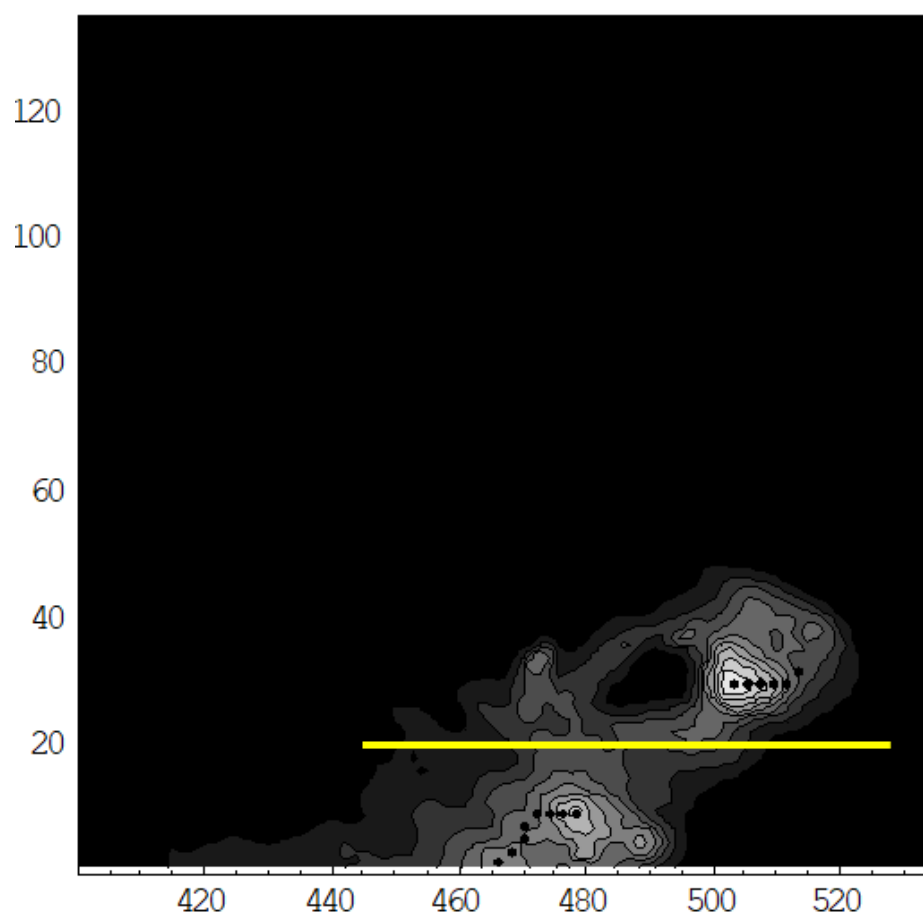
lobe

$C=h$

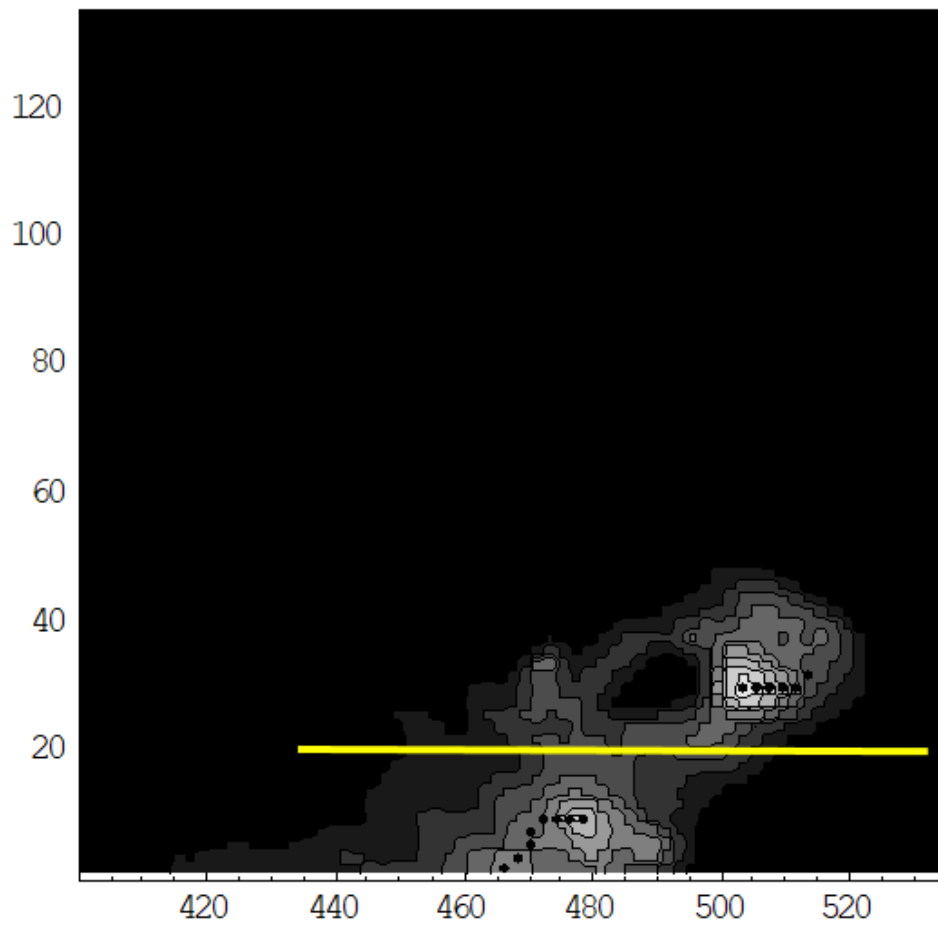
Trail (ADU profile)



Trail + Contour 1x1



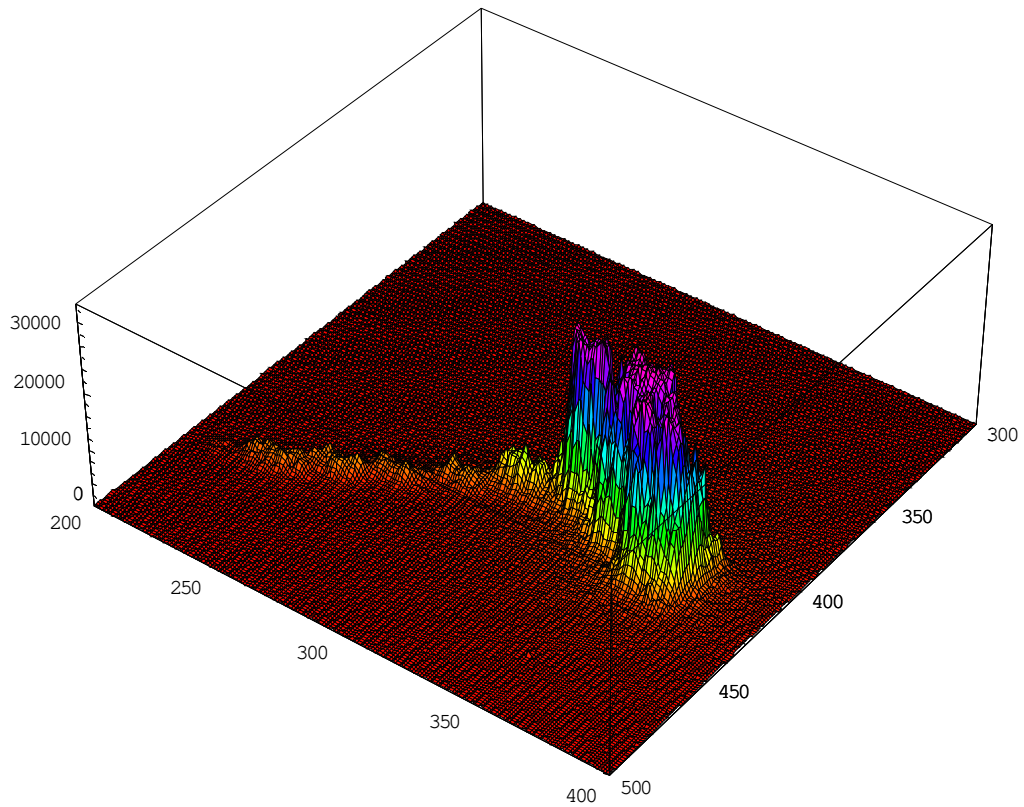
Trail + Contour 2x2



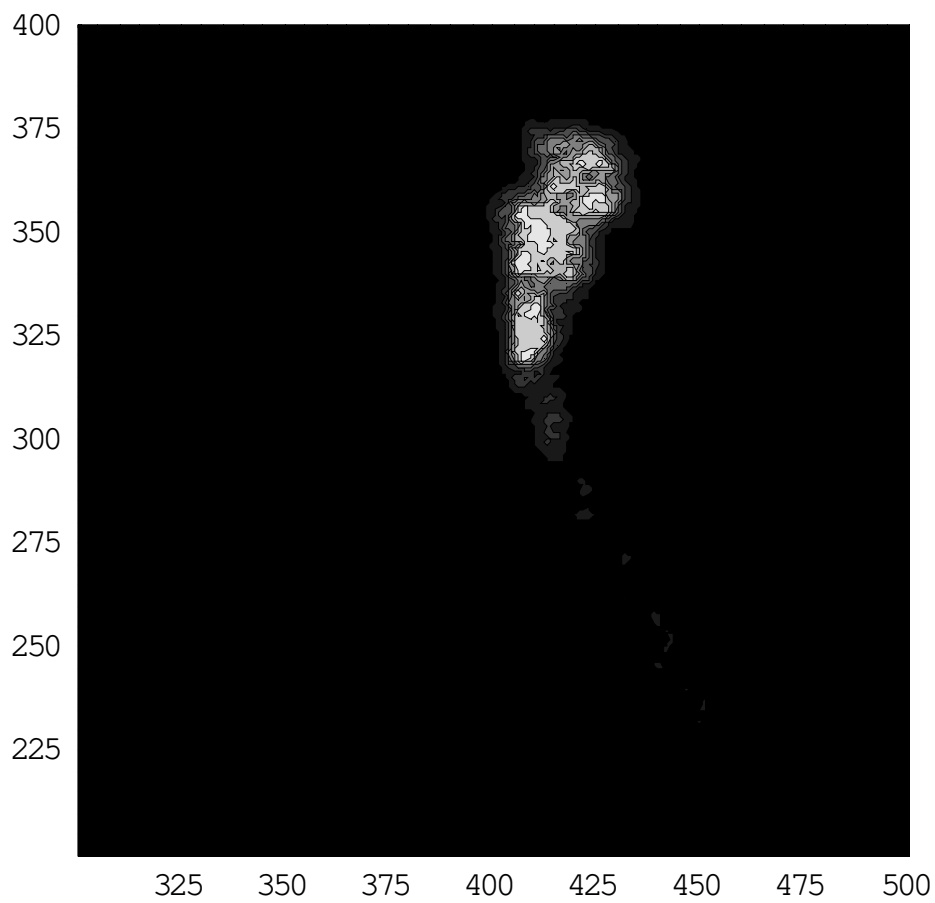
29-03-2008

A2 - ACHADA GRANDE (with "lobe work")

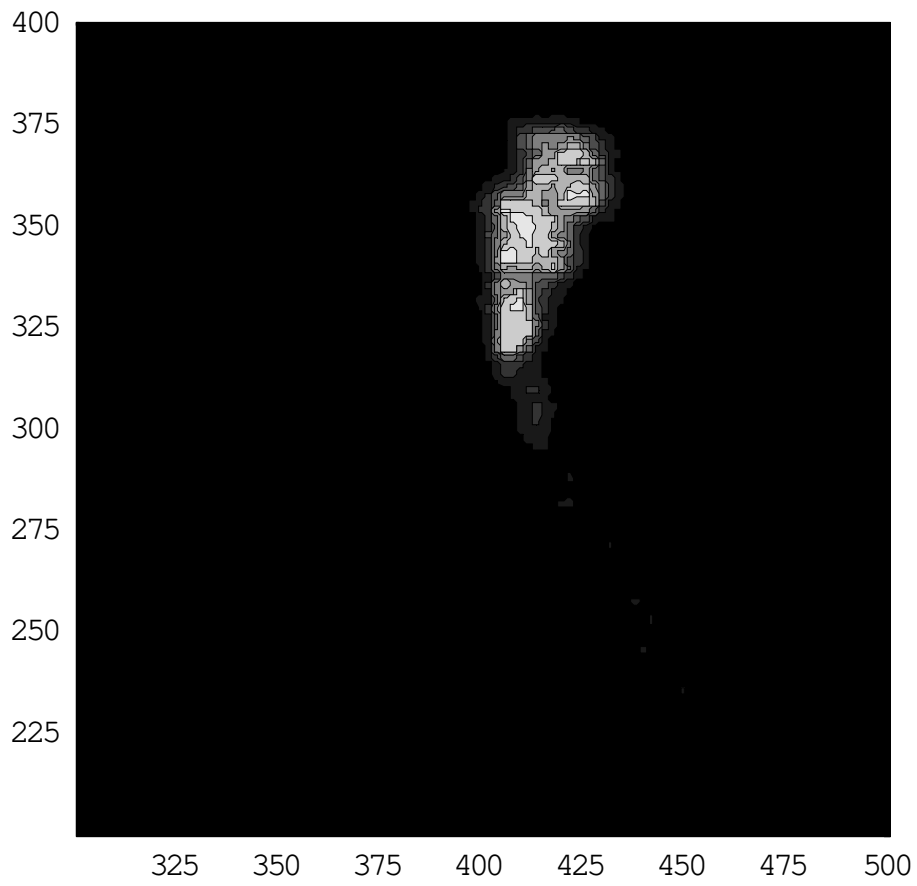
Trail 3D



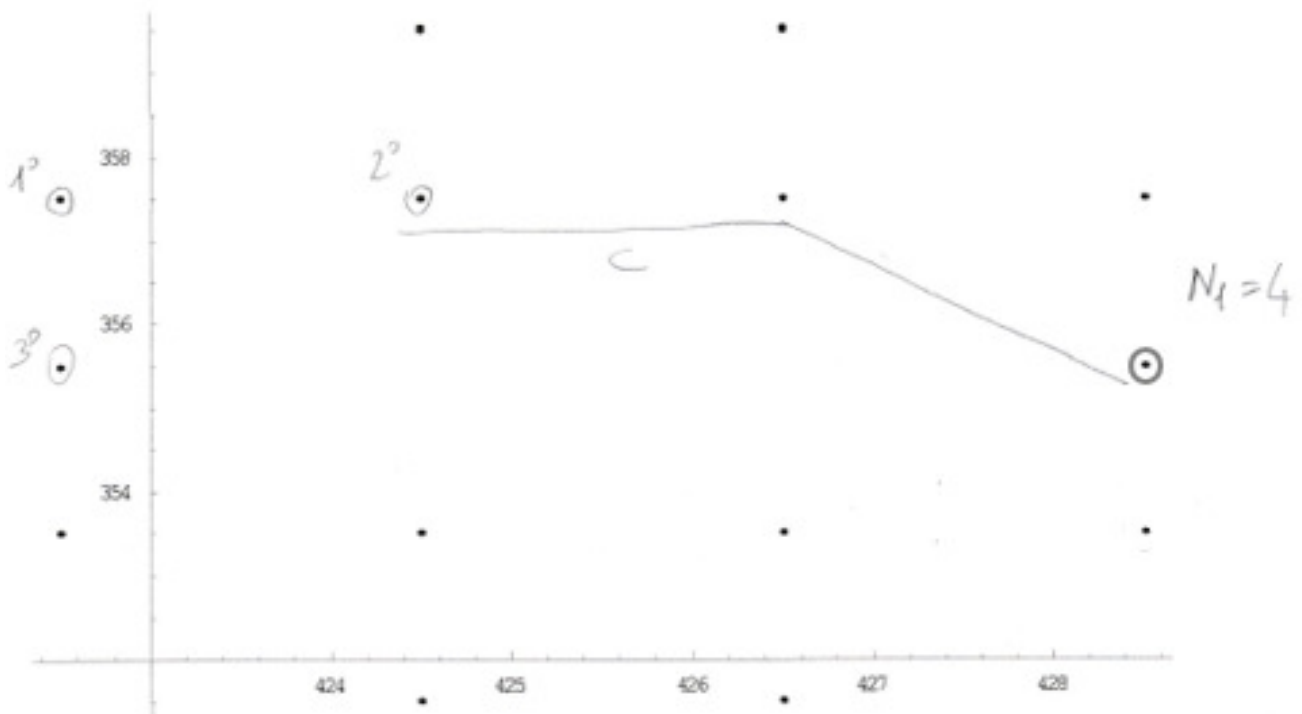
Contour 1x1



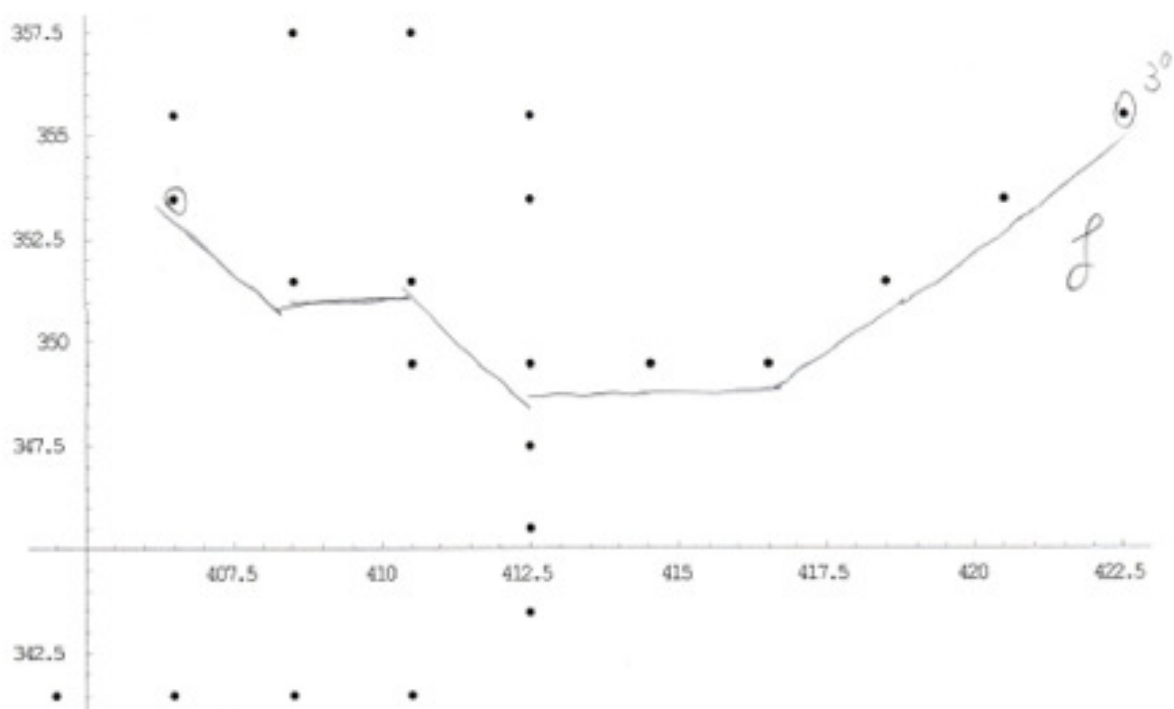
Contour 2x2



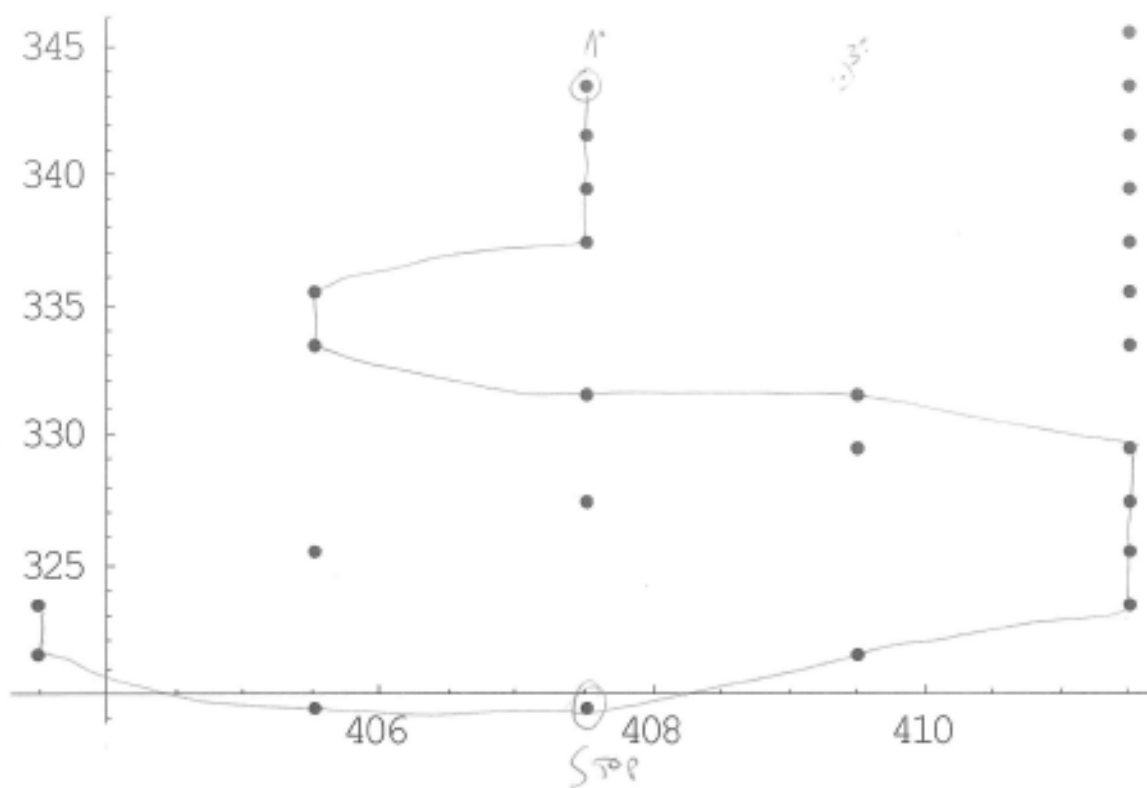
c+f vectors (main)

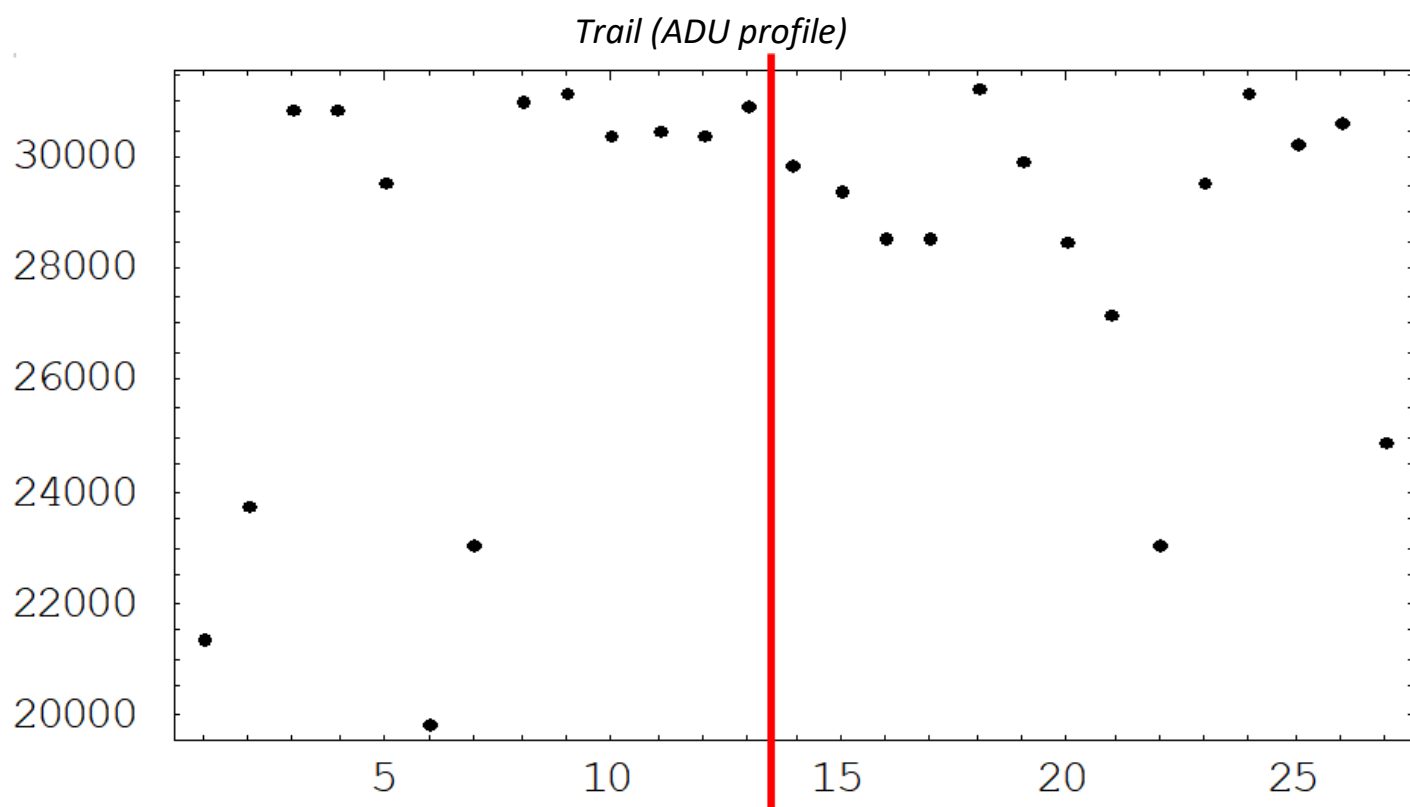
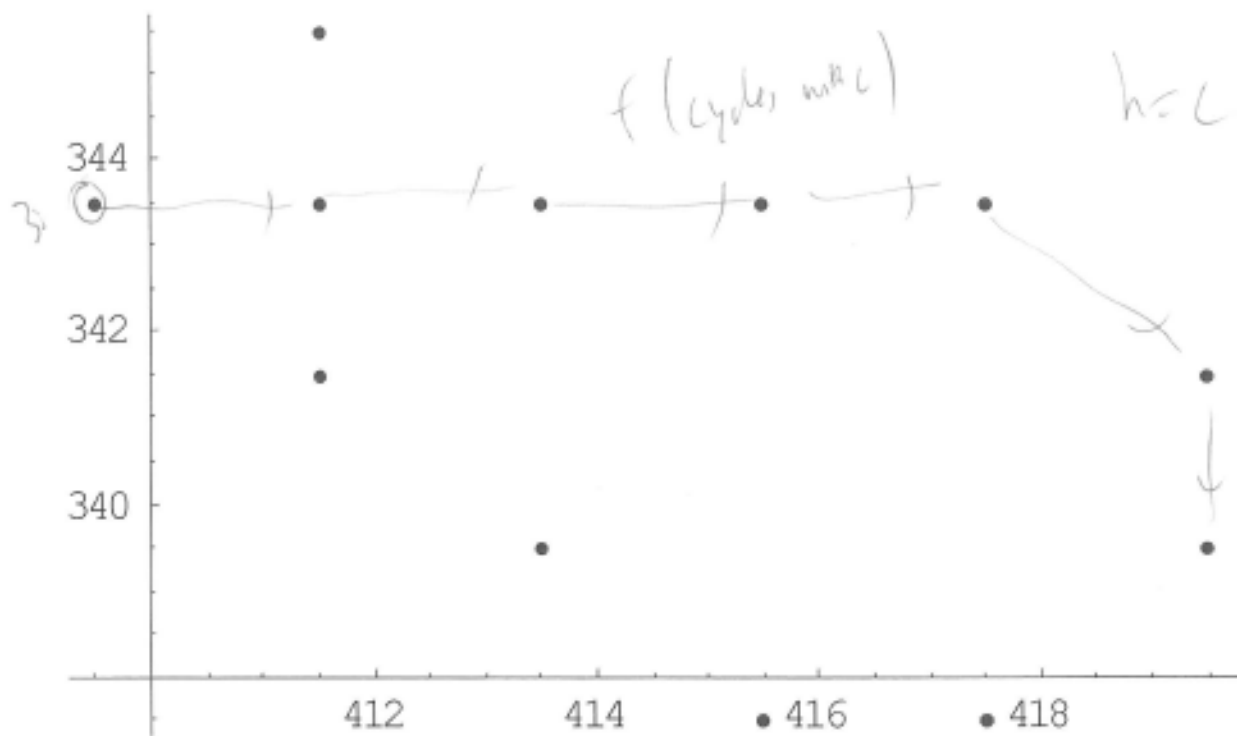


$$N_2 = 9$$

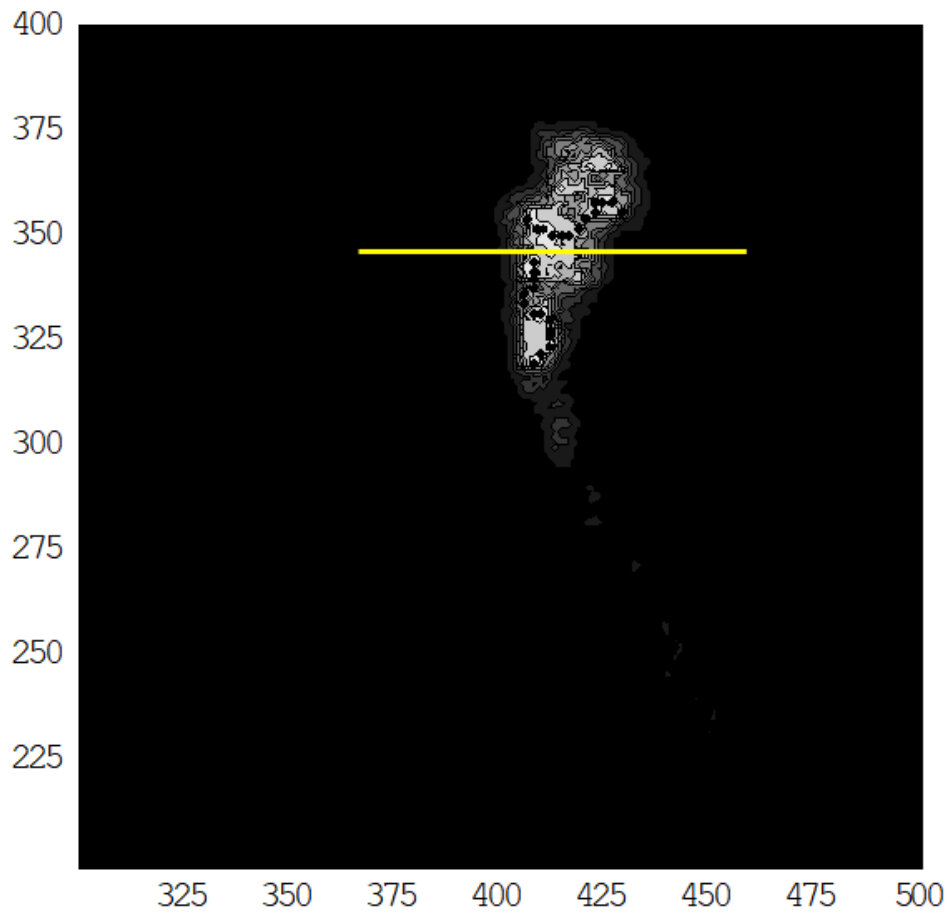


c+f vectors (lobe)

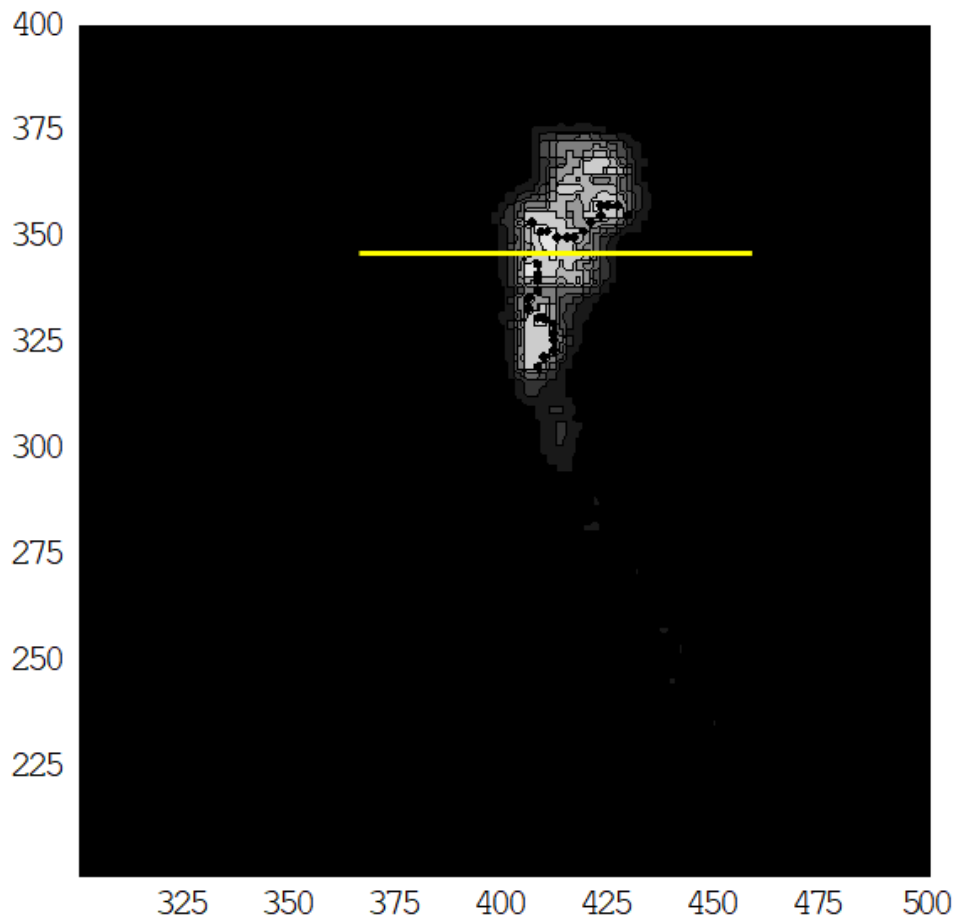




Trail + Contour 1x1



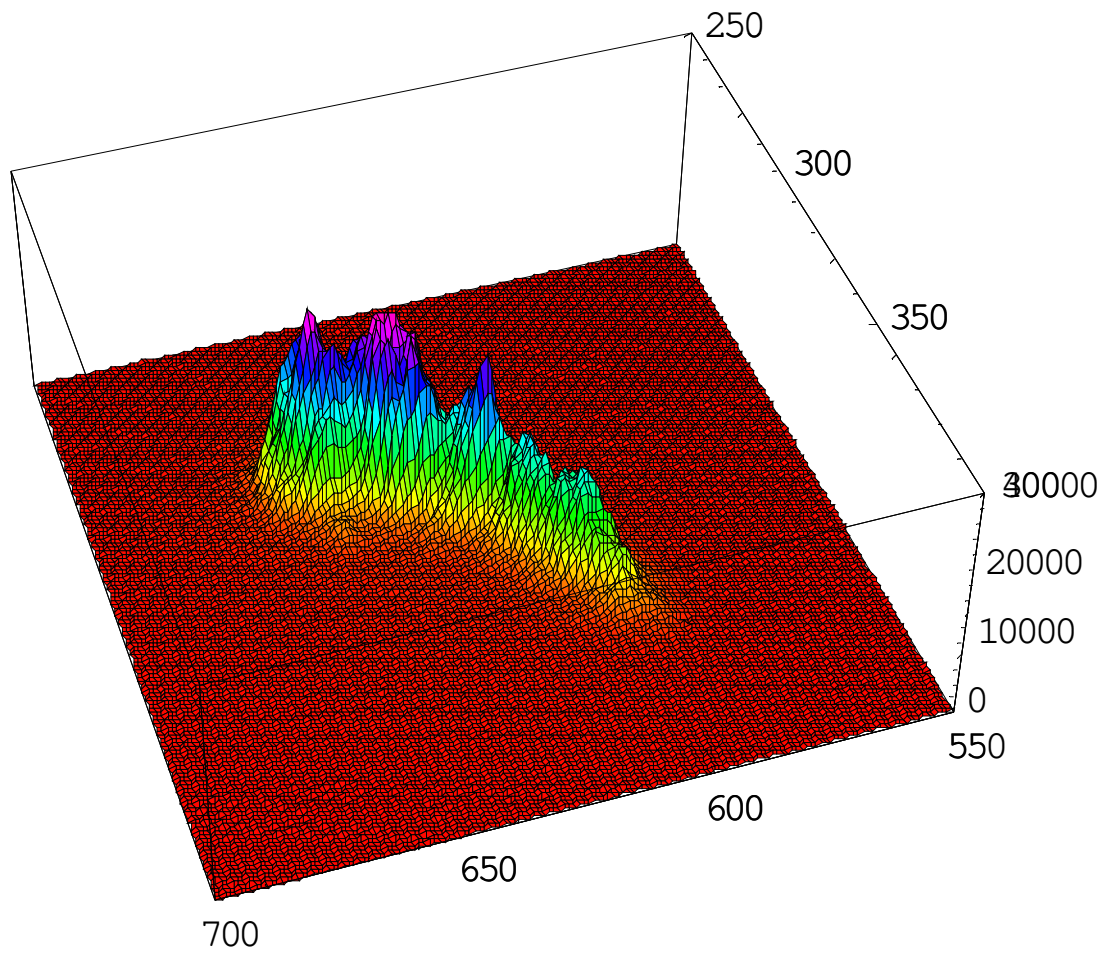
Trail + Contour 2x2



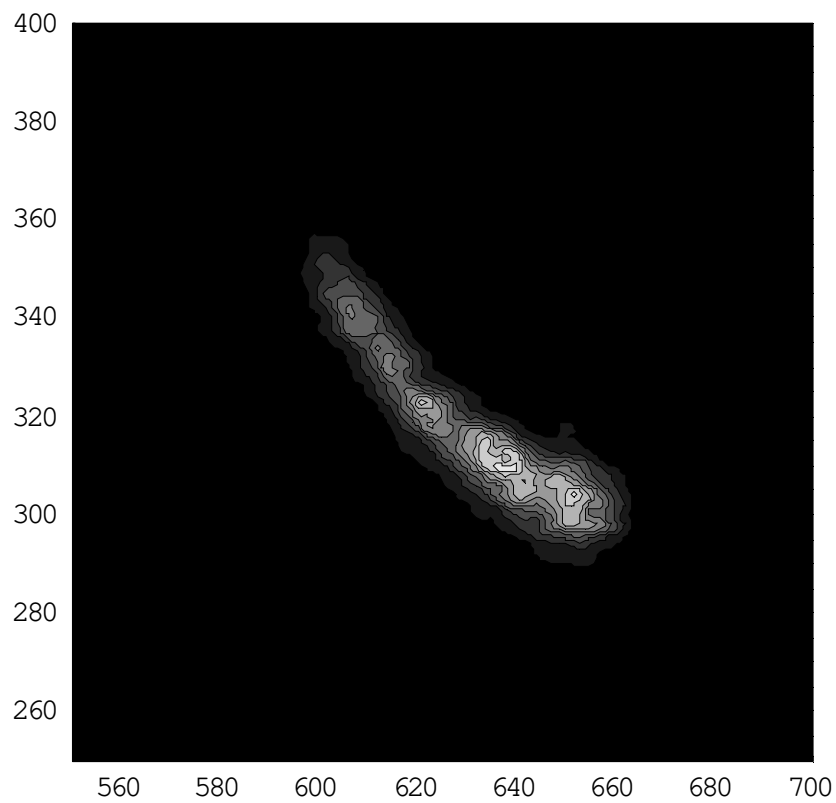
23-04-2008

A2 - ACHADA GRANDE (with "lobe work")

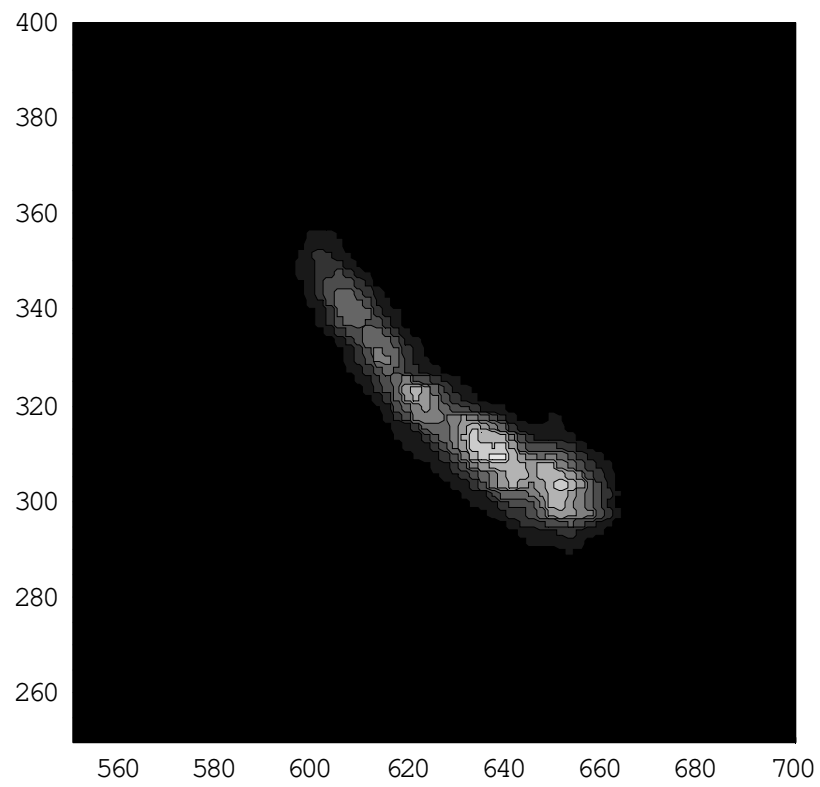
Trail 3D



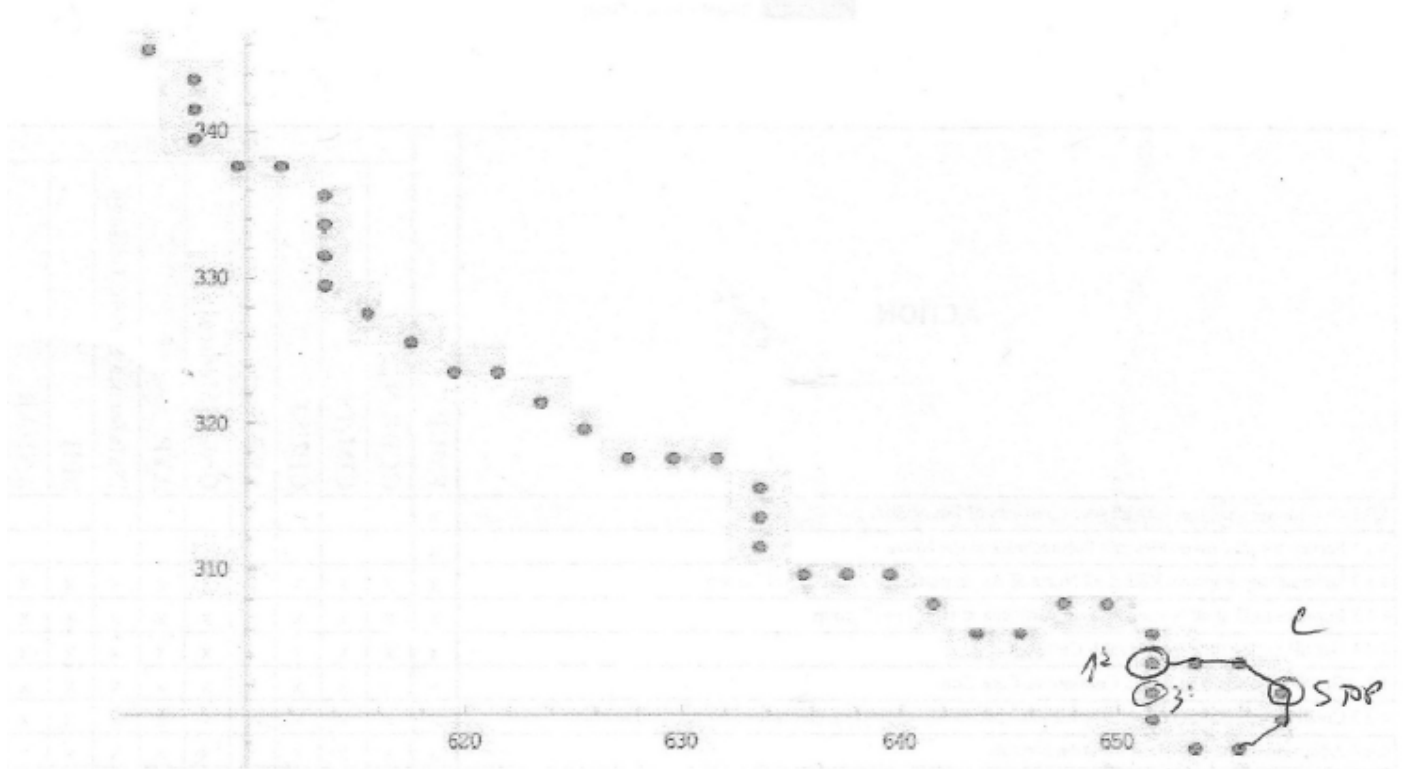
Contour 1x1

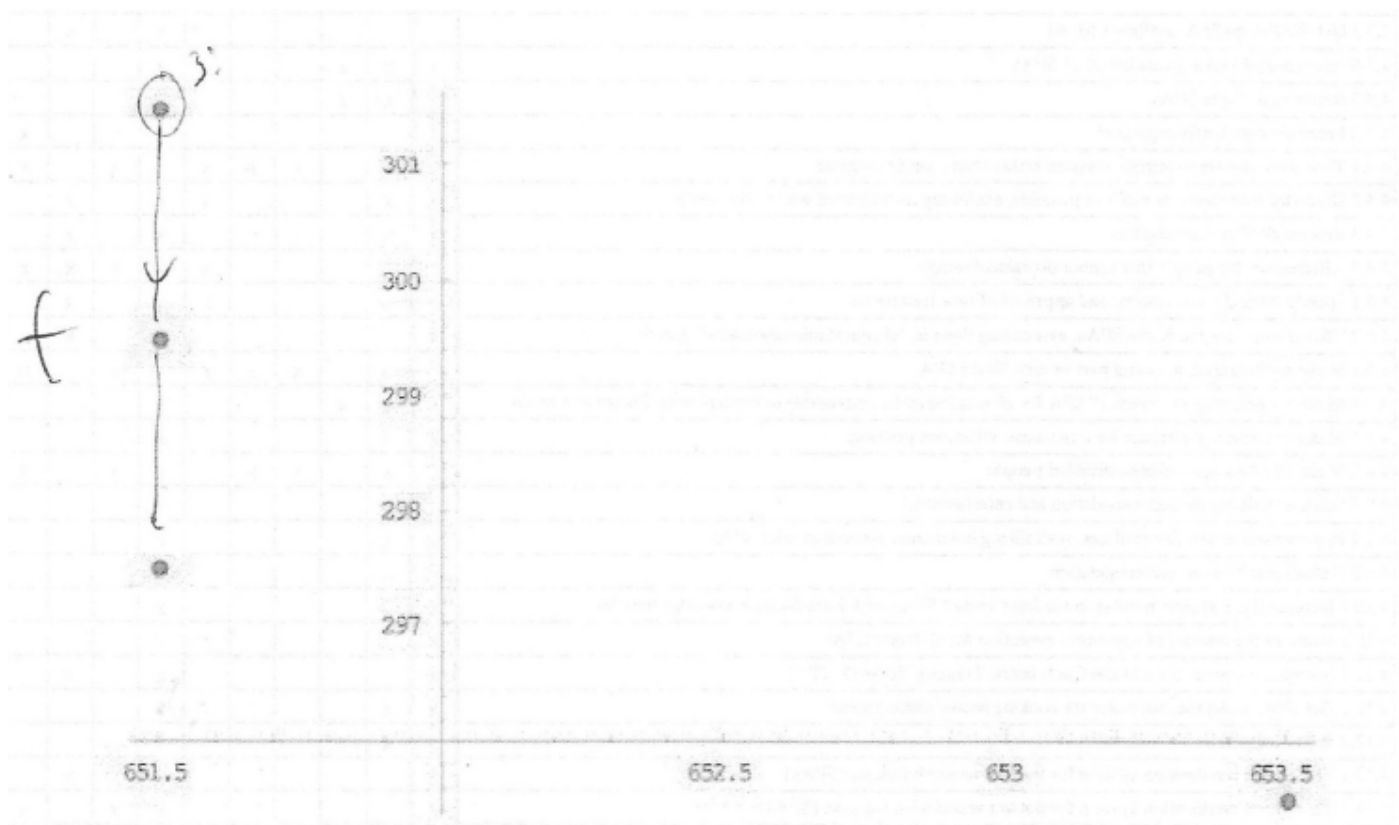


Contour 2x2

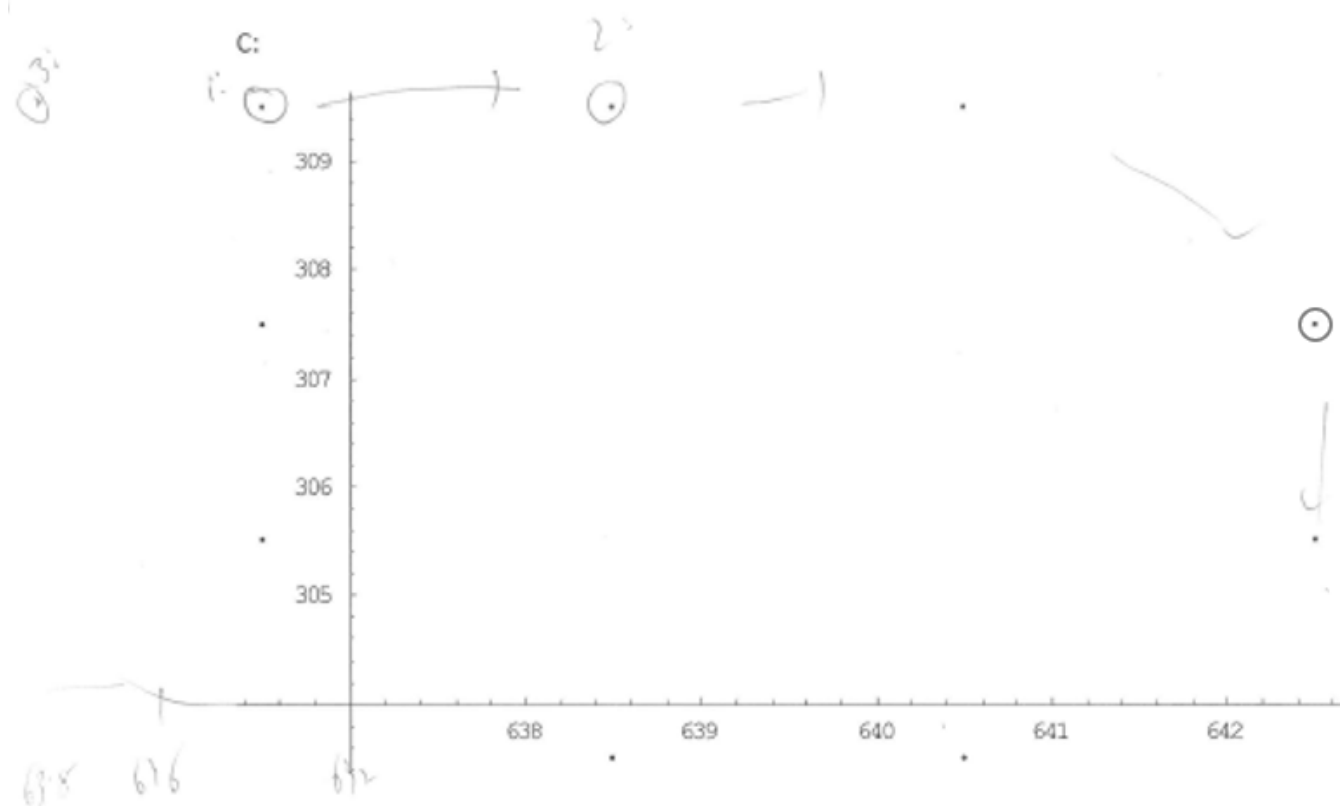


c+f vectors – main

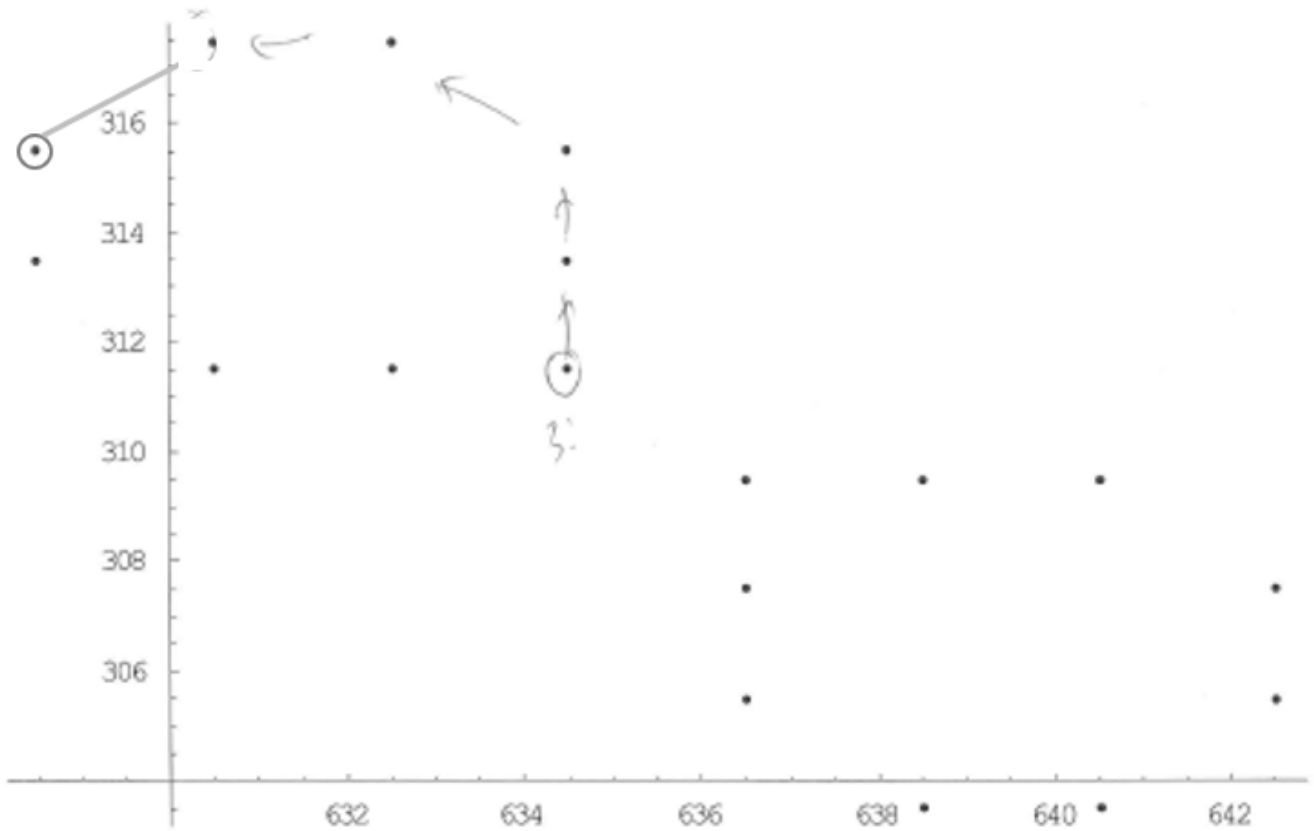




c+f vectors – central lobe

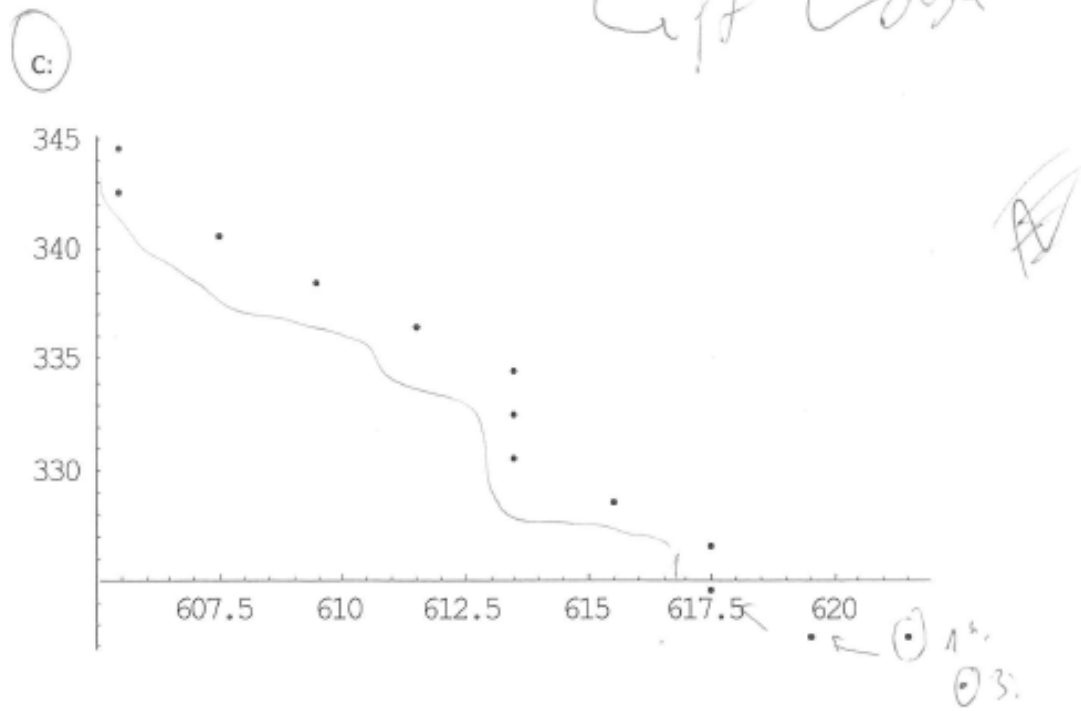


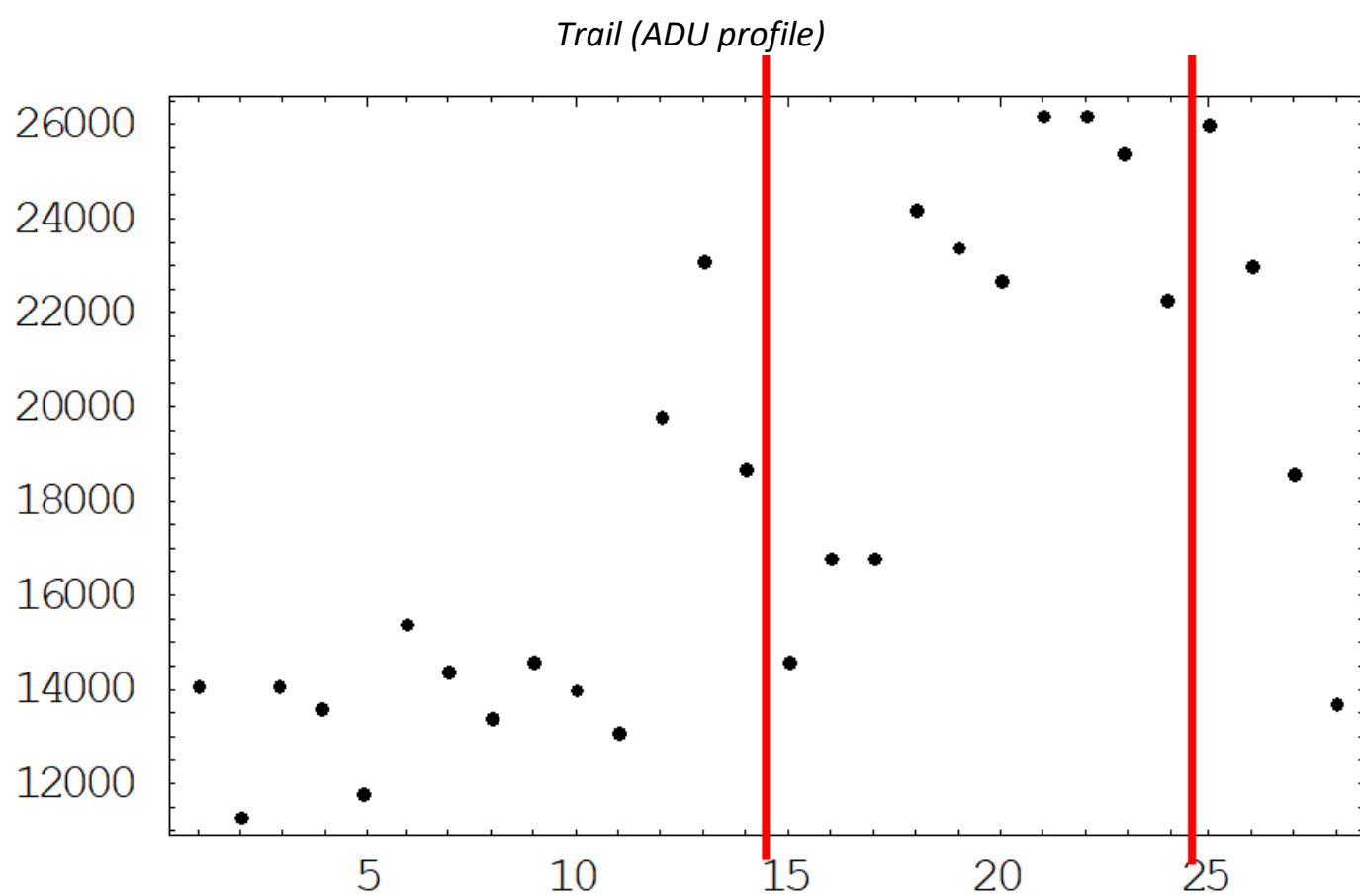
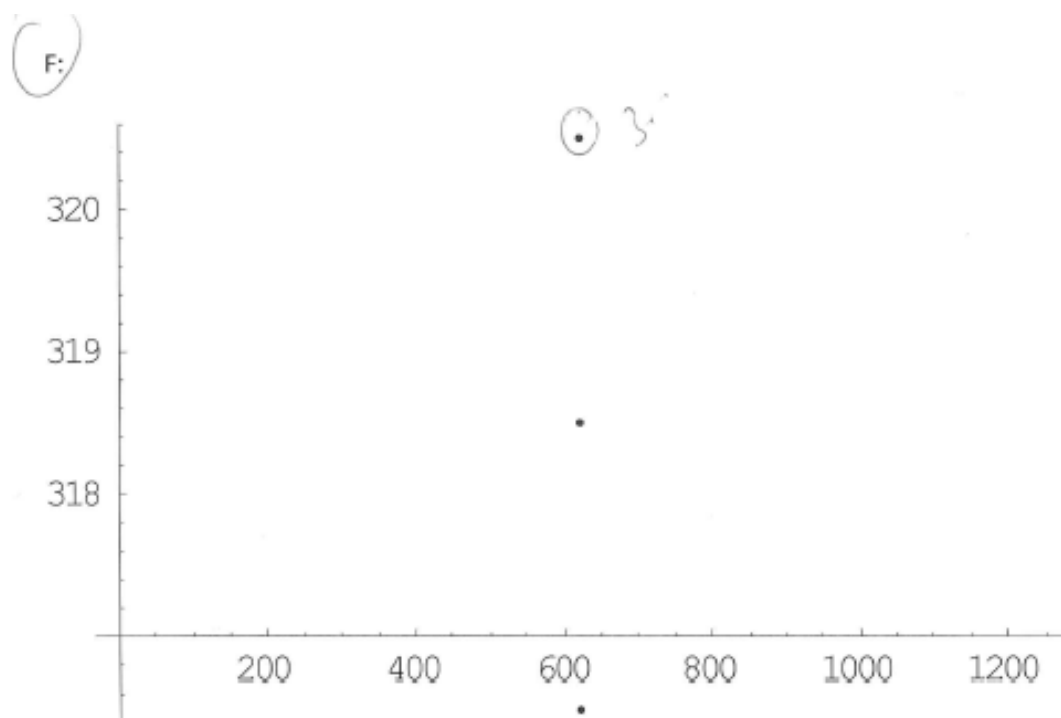
F:



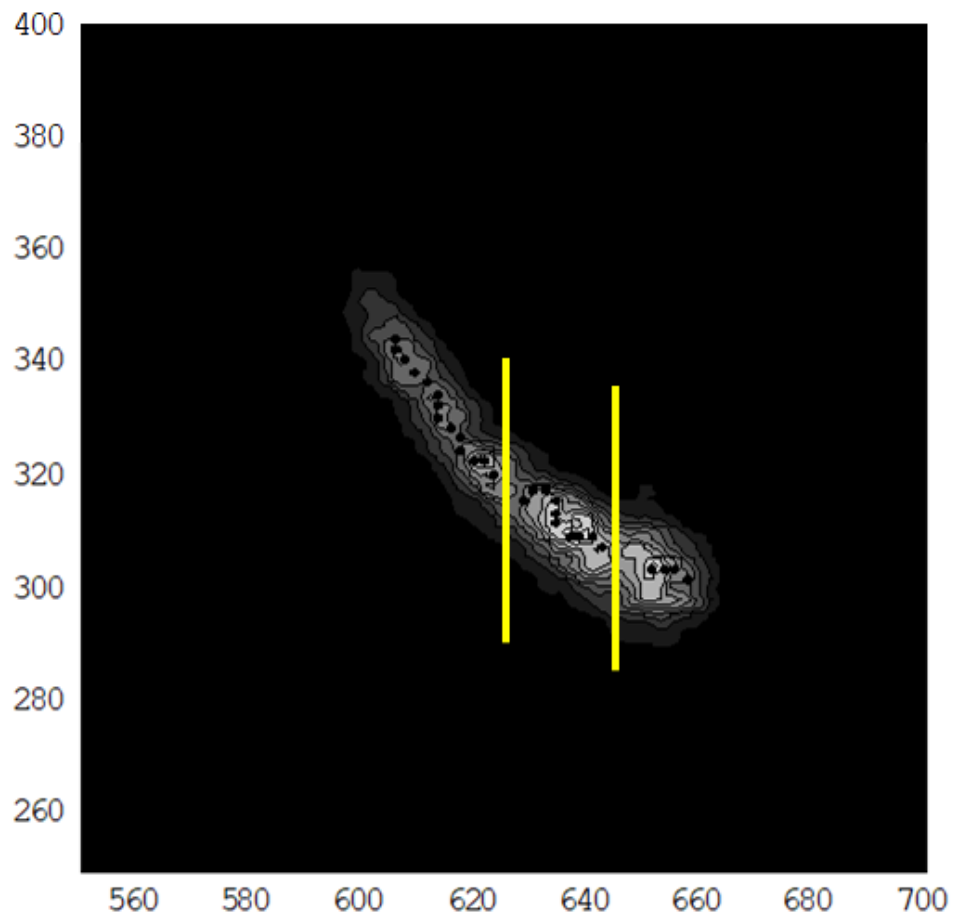
c+f vectors – left lobe

Left Lobe

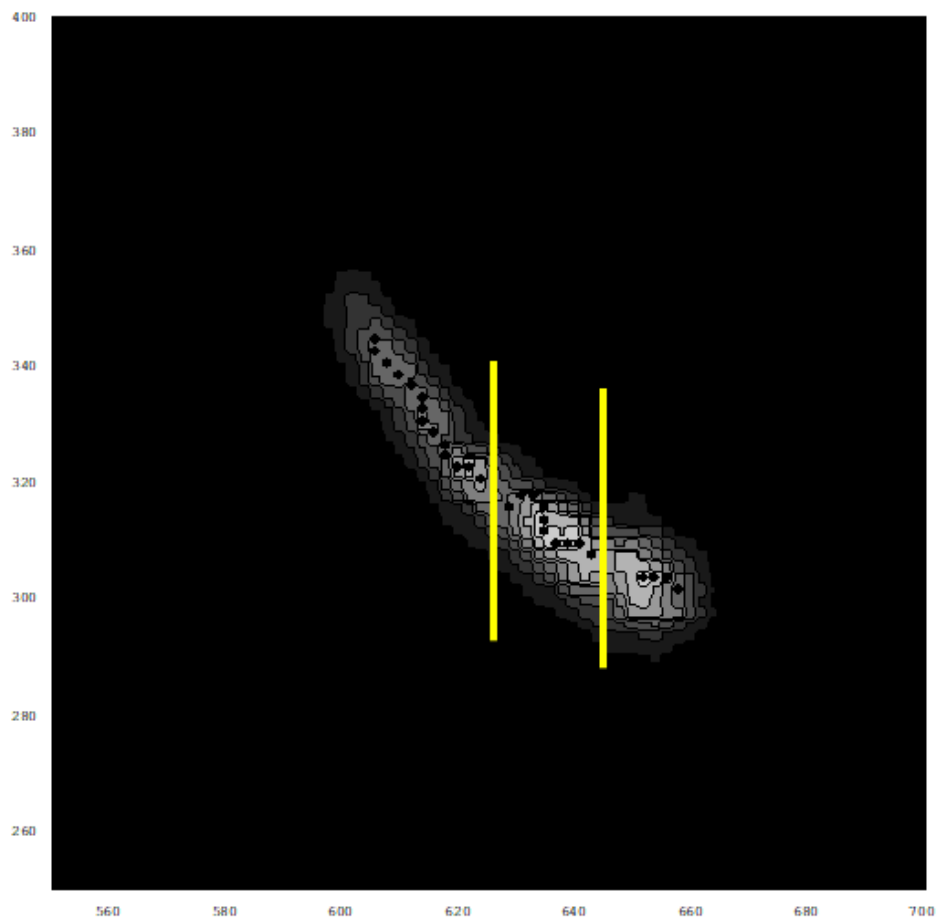




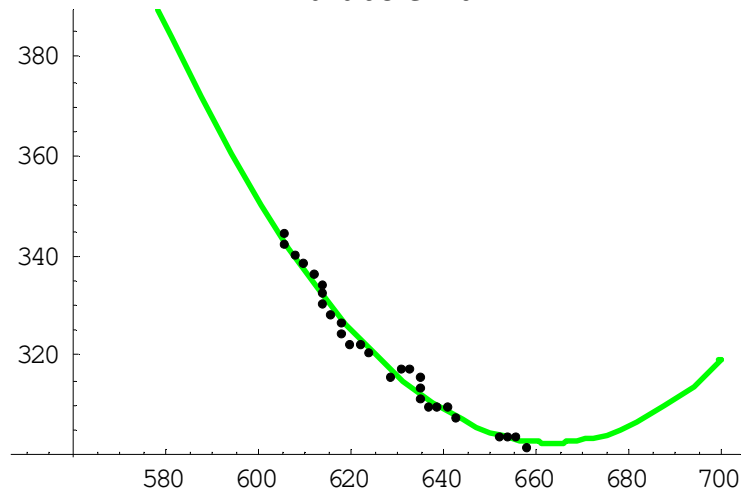
Trail + Contour 1x1



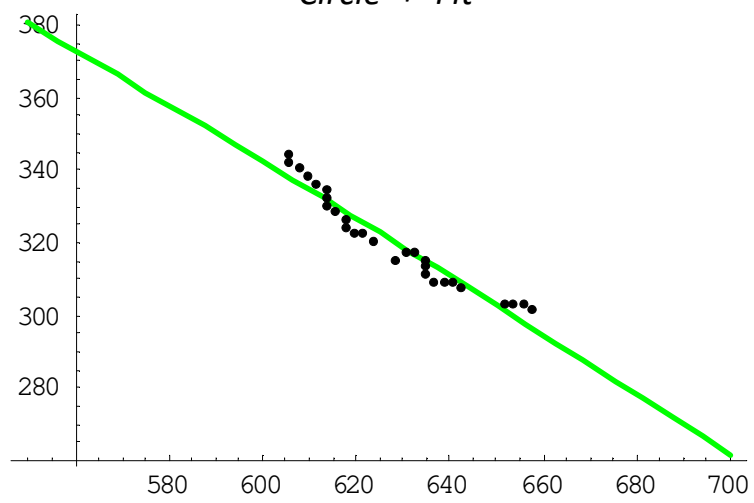
Trail + Contour 2x2



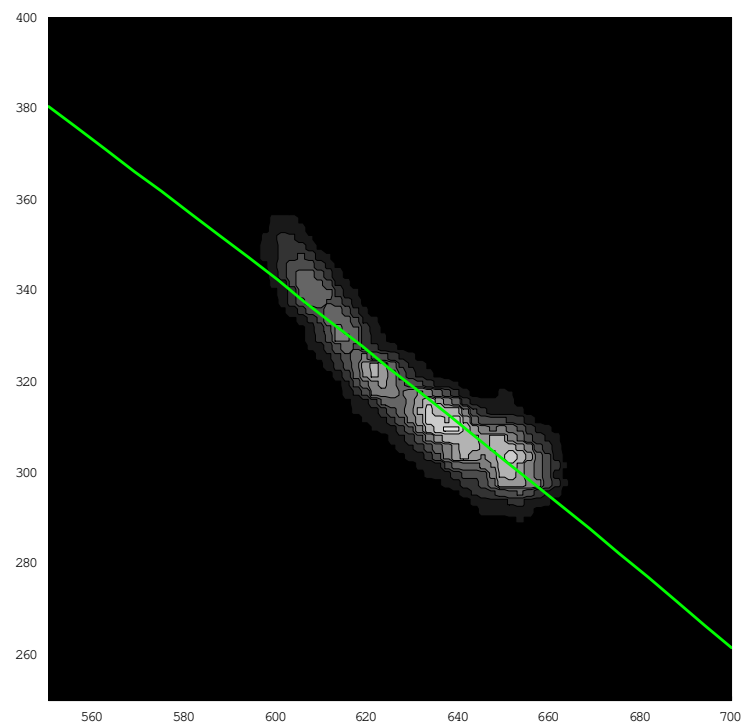
Parabole Fit



Circle '+' Fit



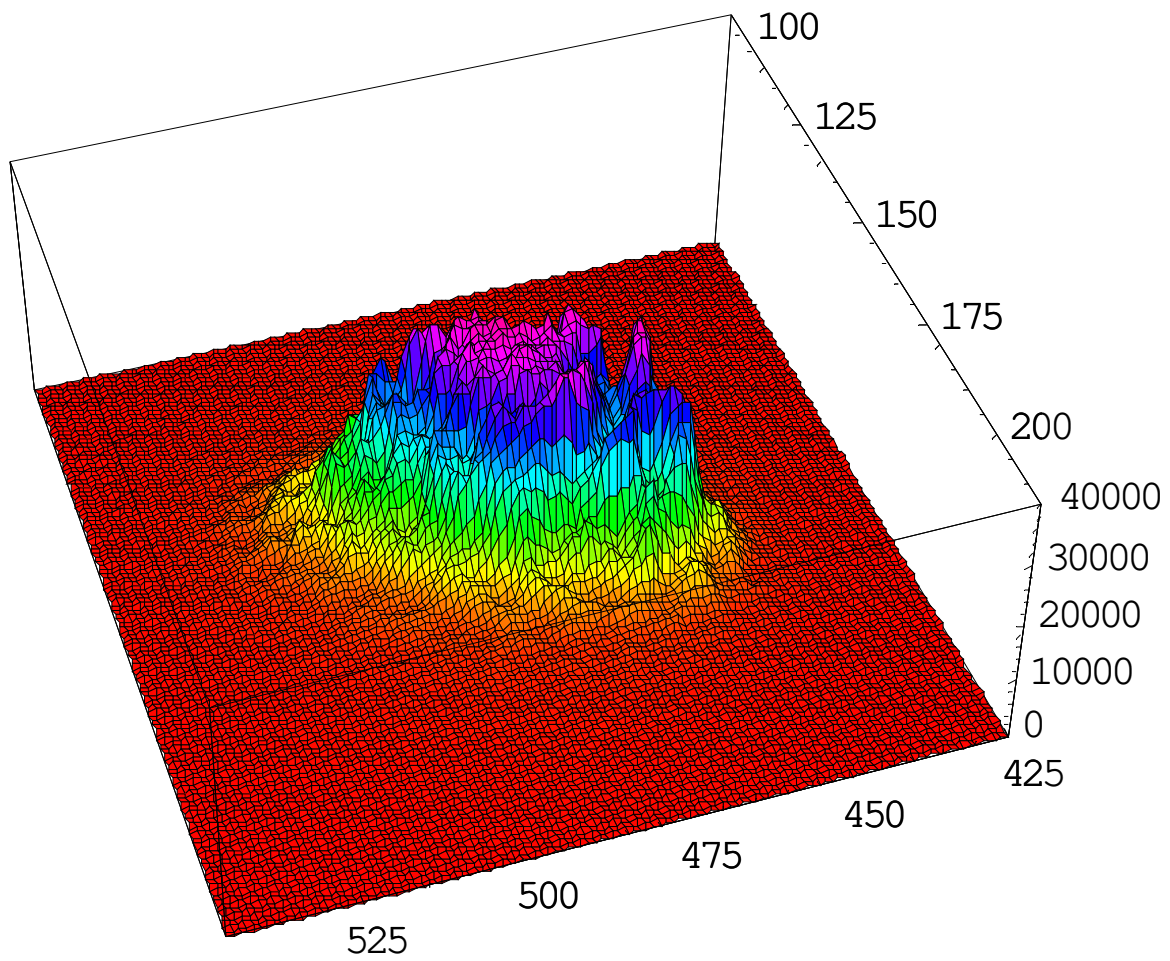
Circle '+' Fit on path



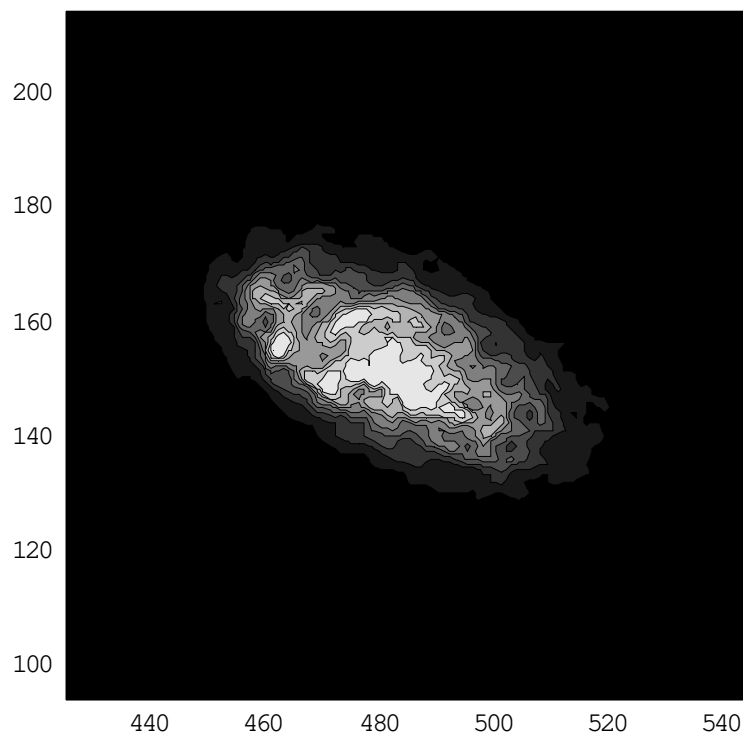
24-04-2008

B1 - ACHADA DO TEIXEIRA (with lobe work)

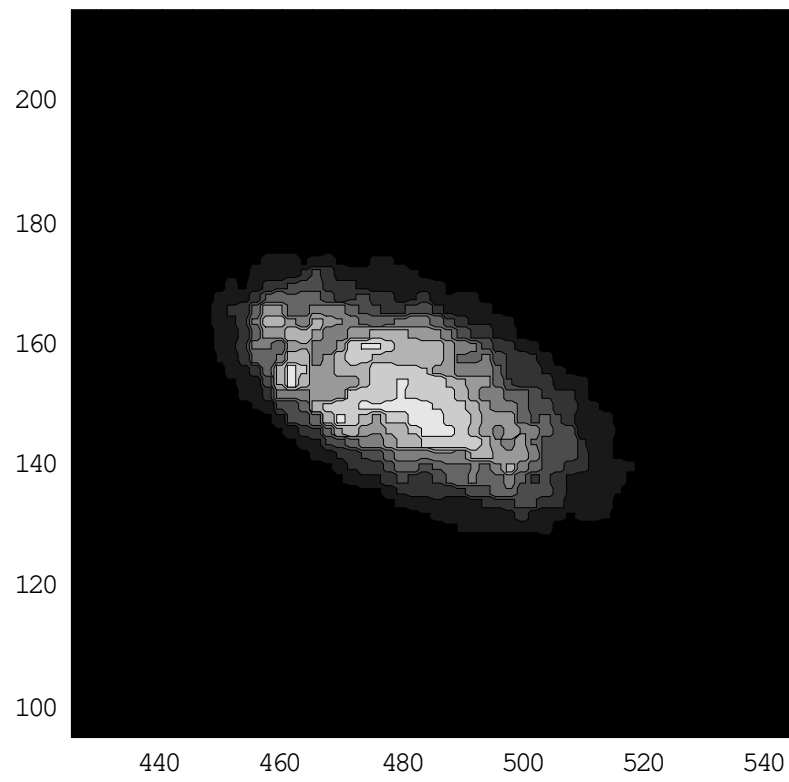
Trail 3D



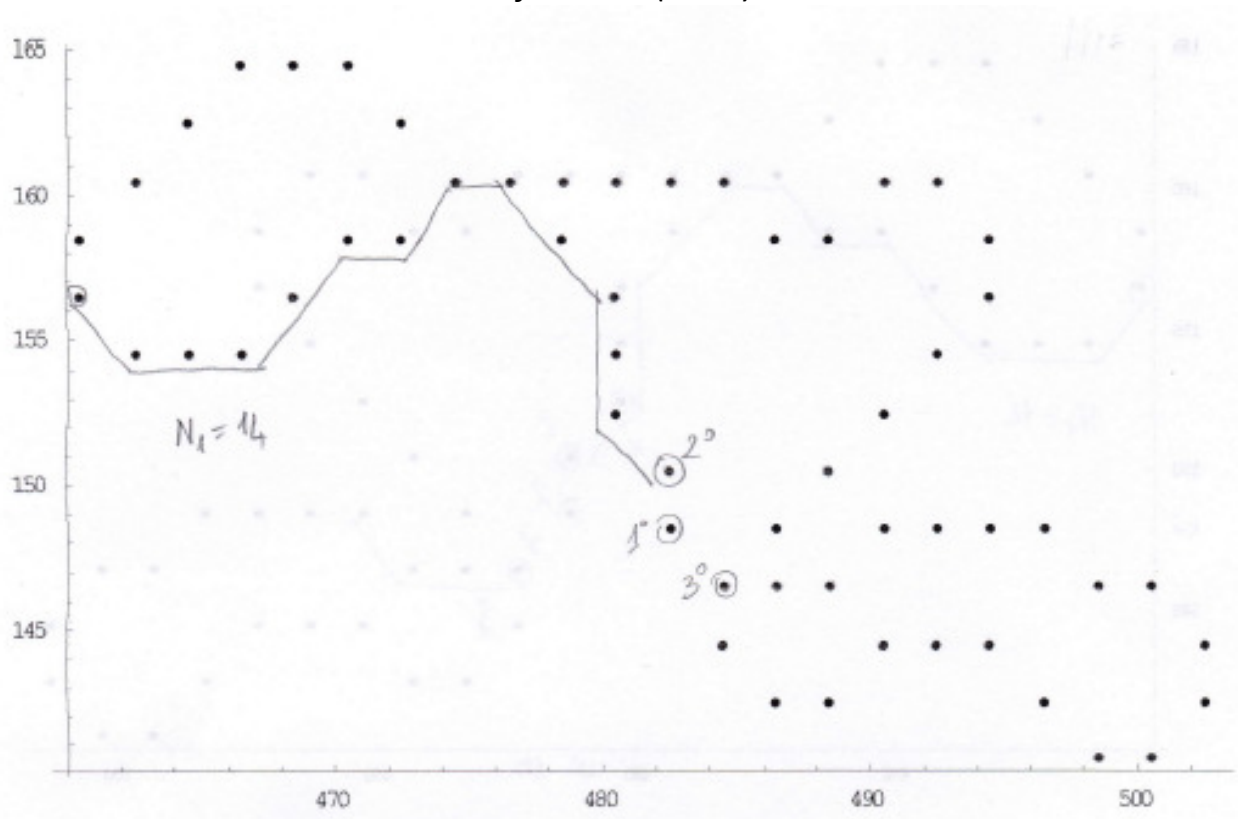
Contour 1x1

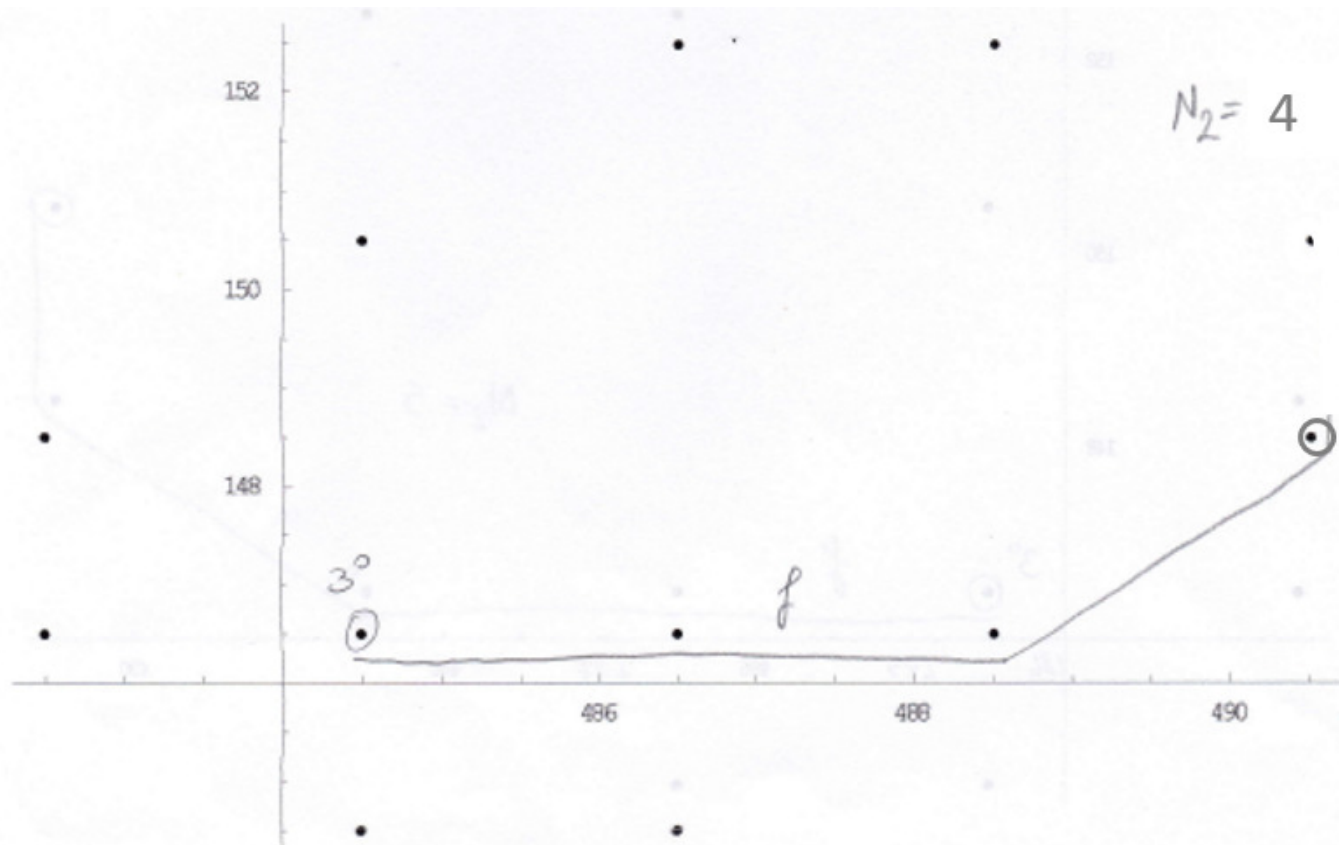


Contour 2x2

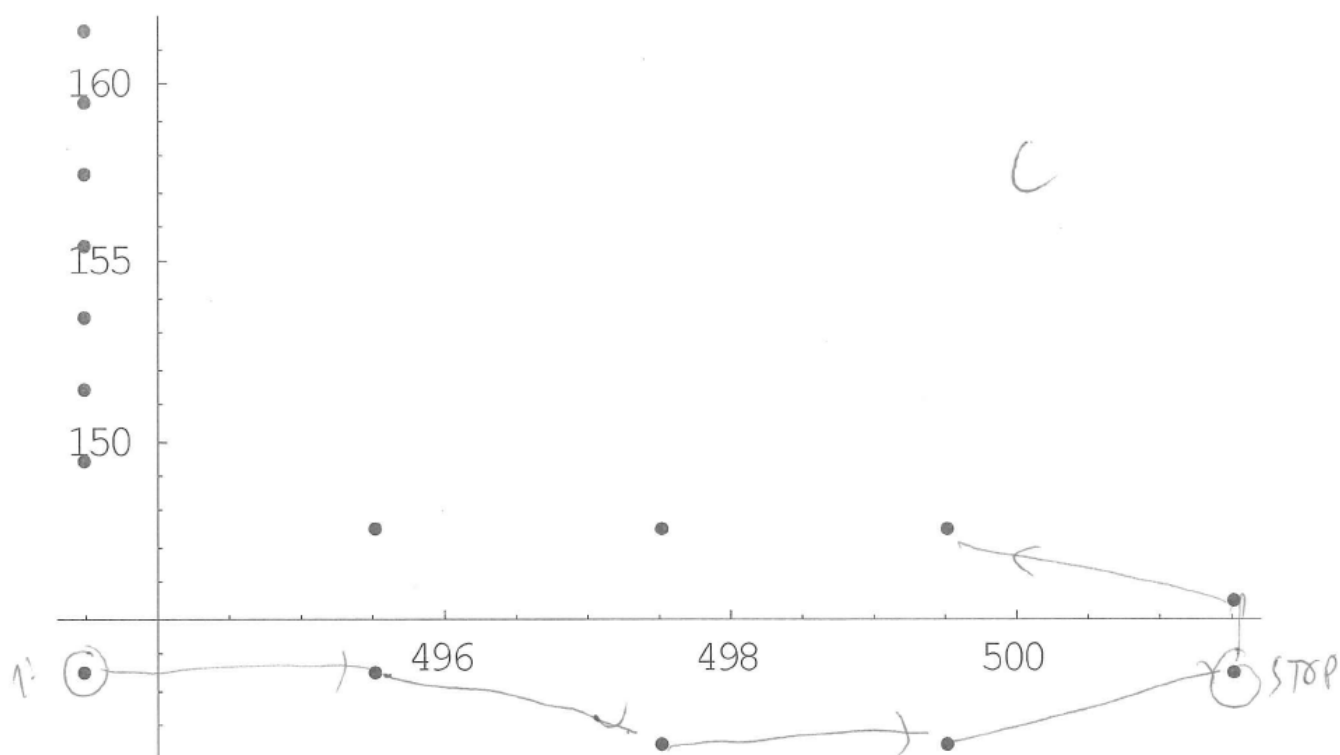


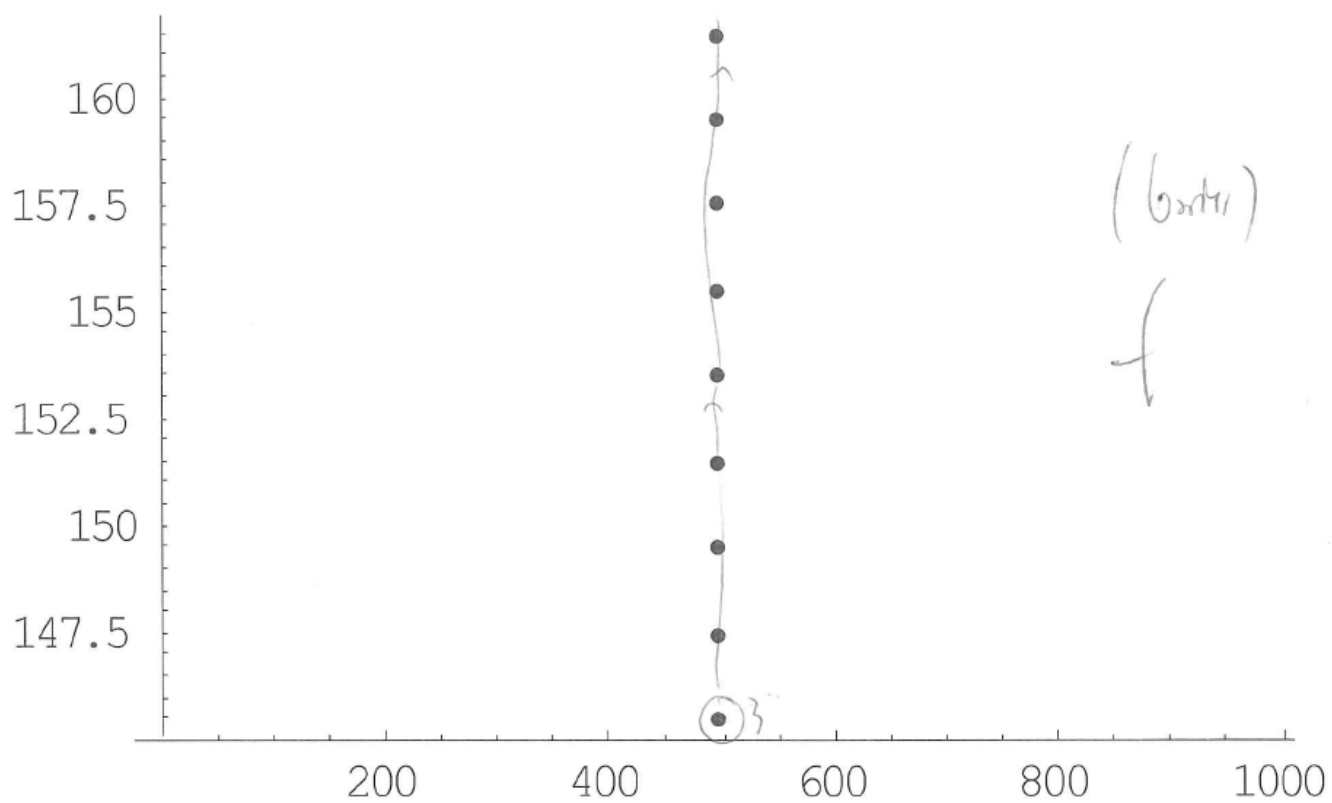
c+f vectors (main)



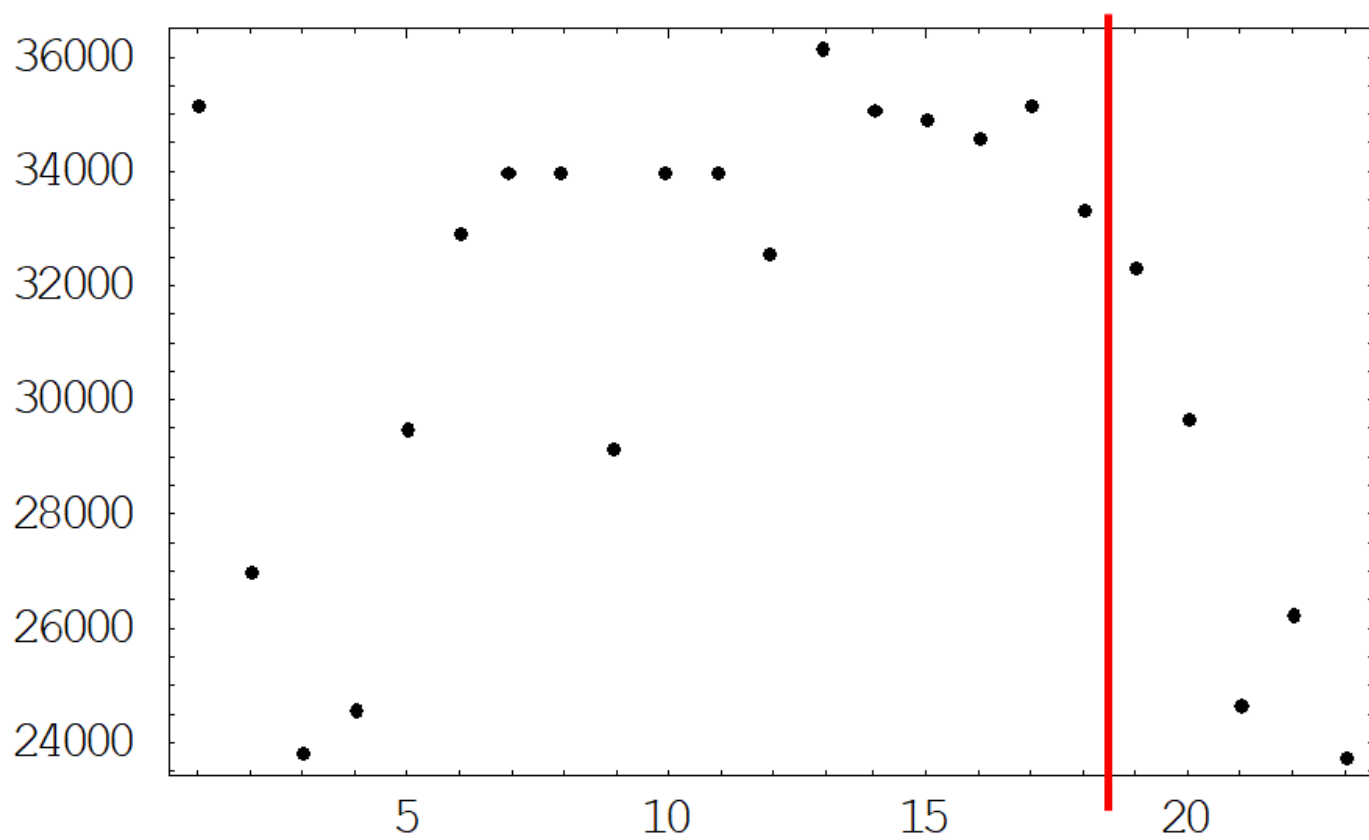


c+f vectors (lobe)

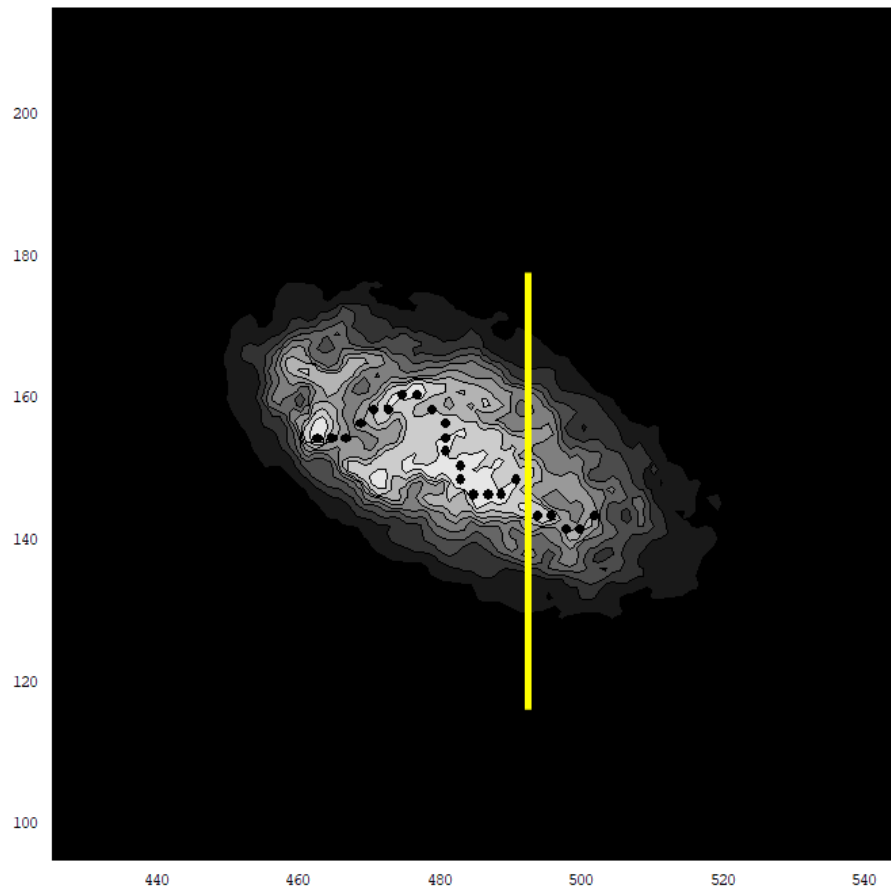




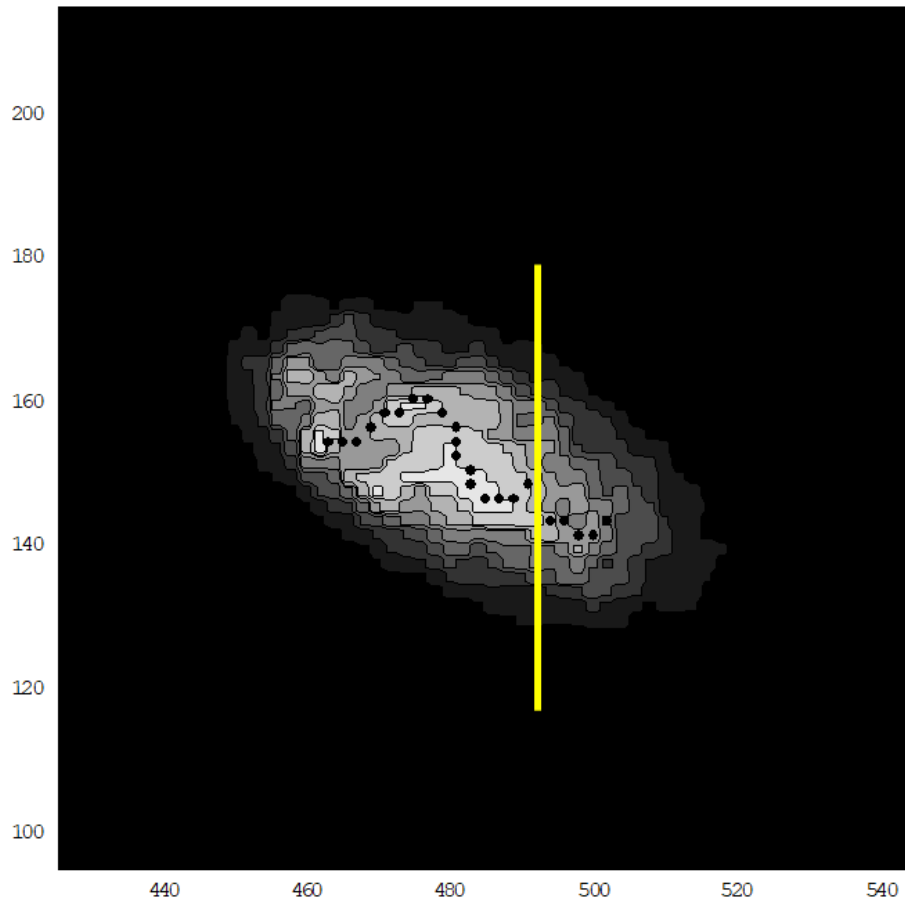
Trail (ADU profile)

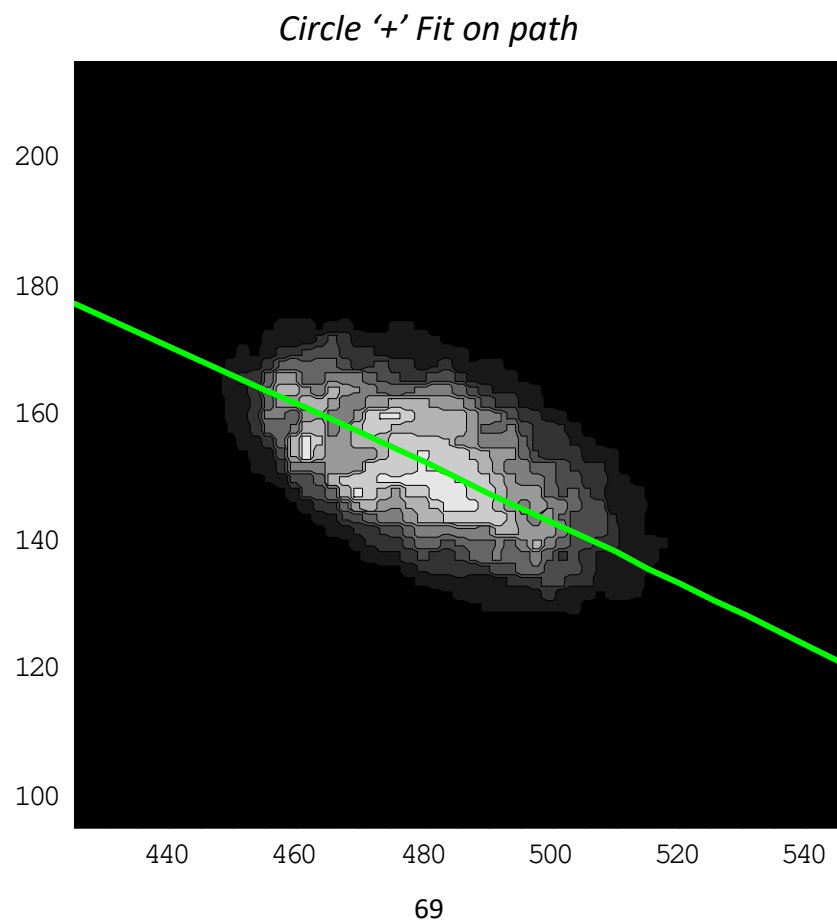
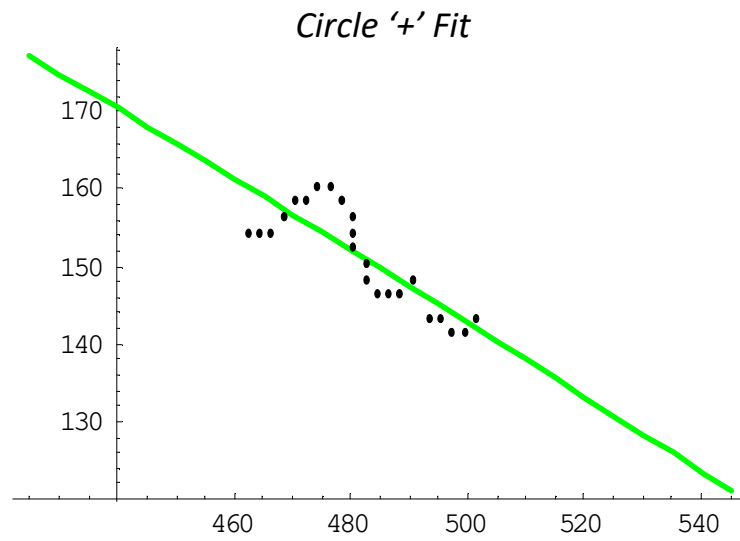
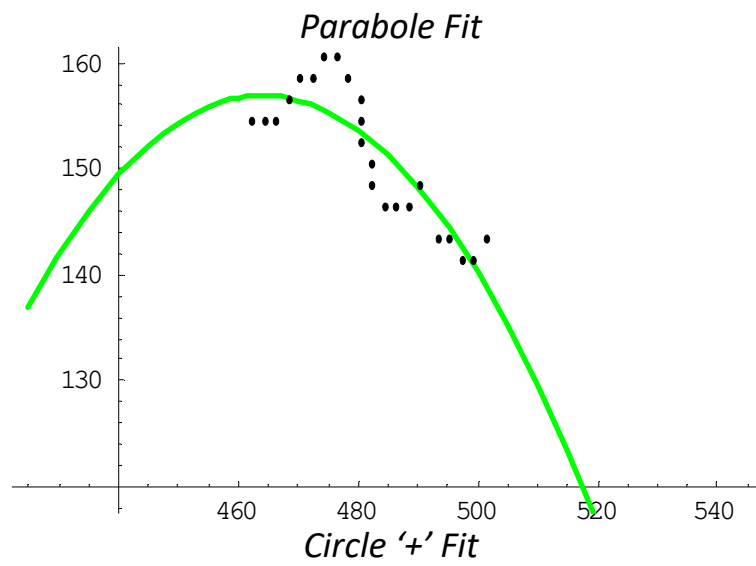


Trail + Contour 1x1



Trail + Contour 2x2

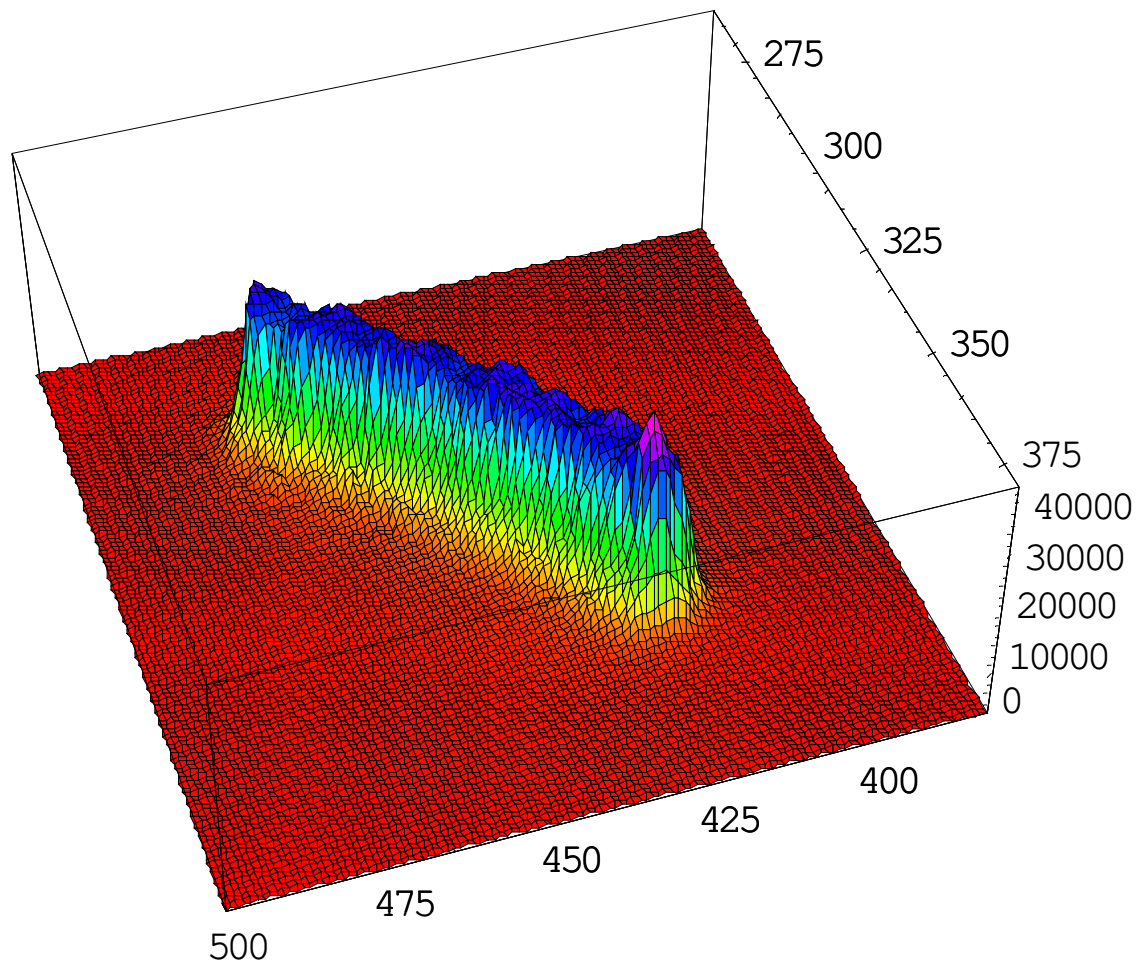




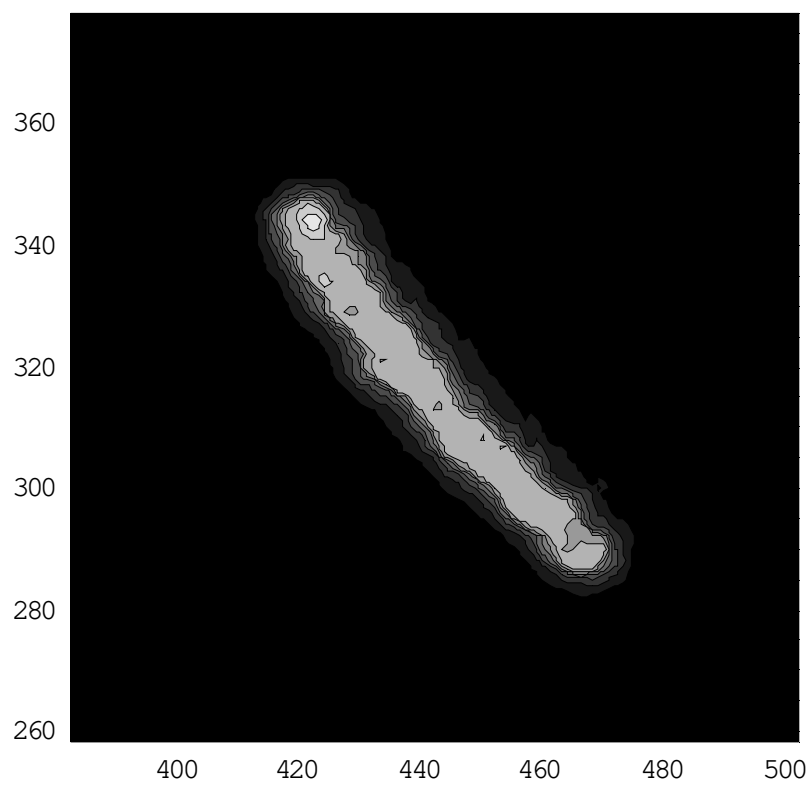
07-05-2008

B1 - ACHADA DO TEIXEIRA

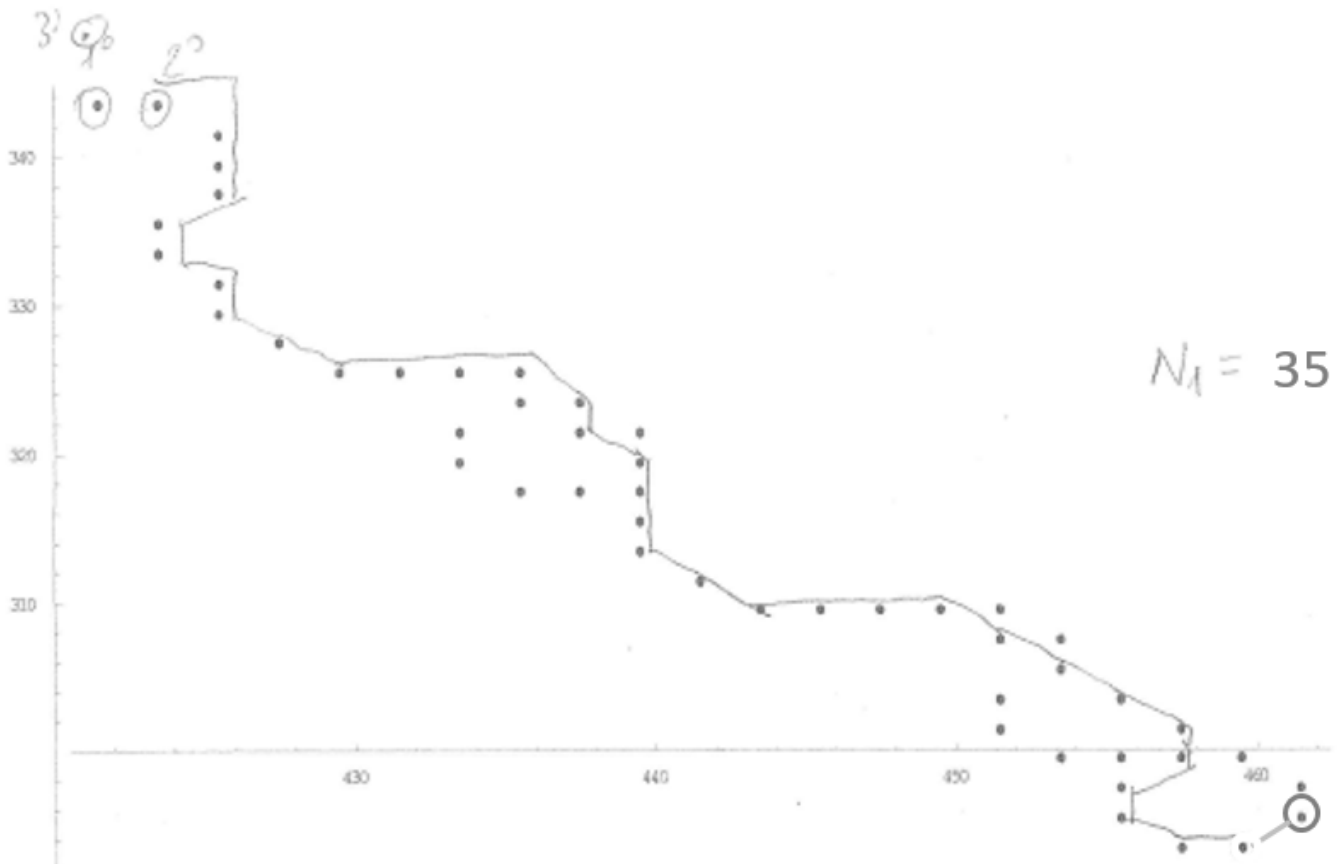
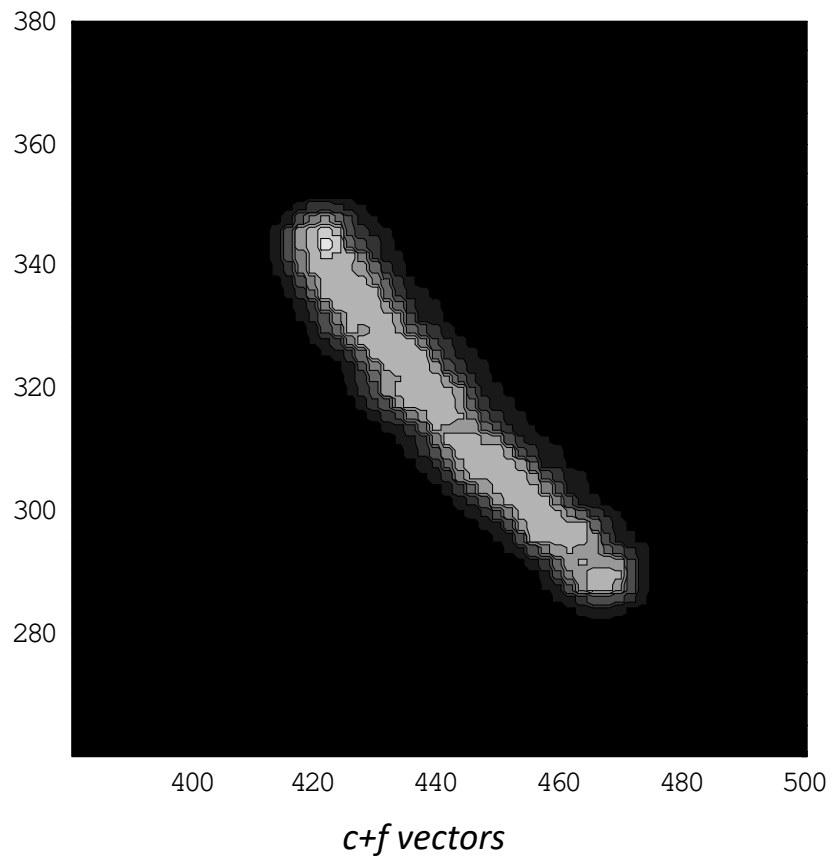
Trail 3D

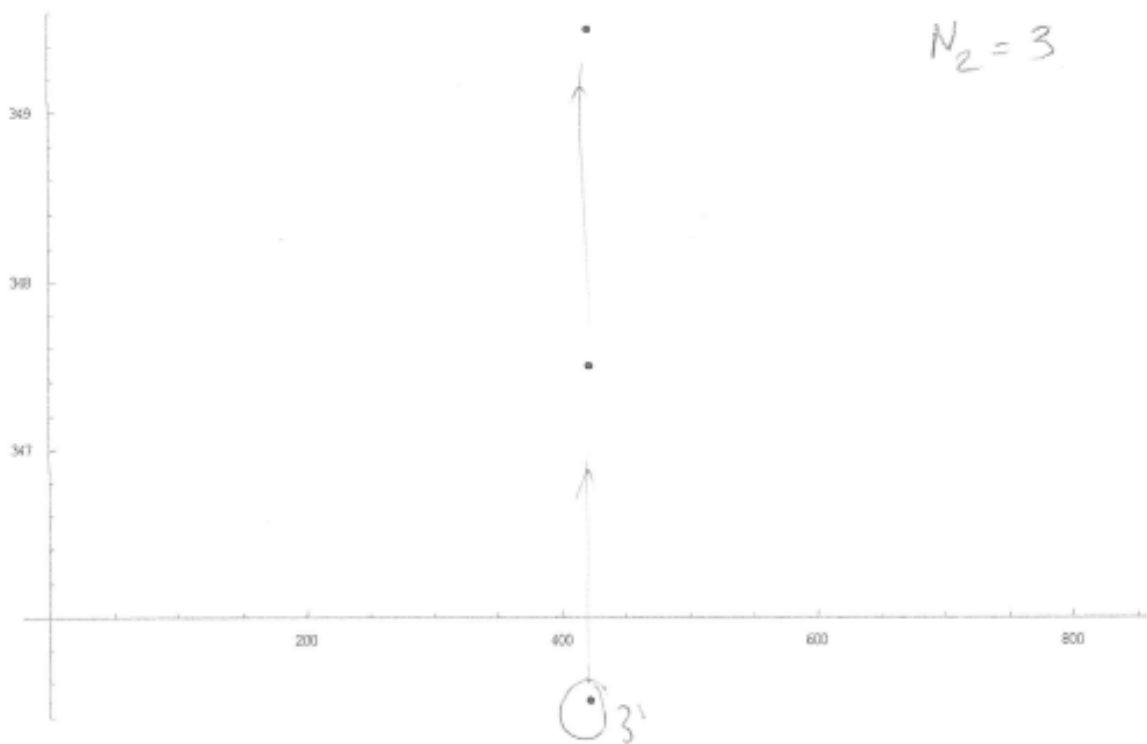


Contour 1x1

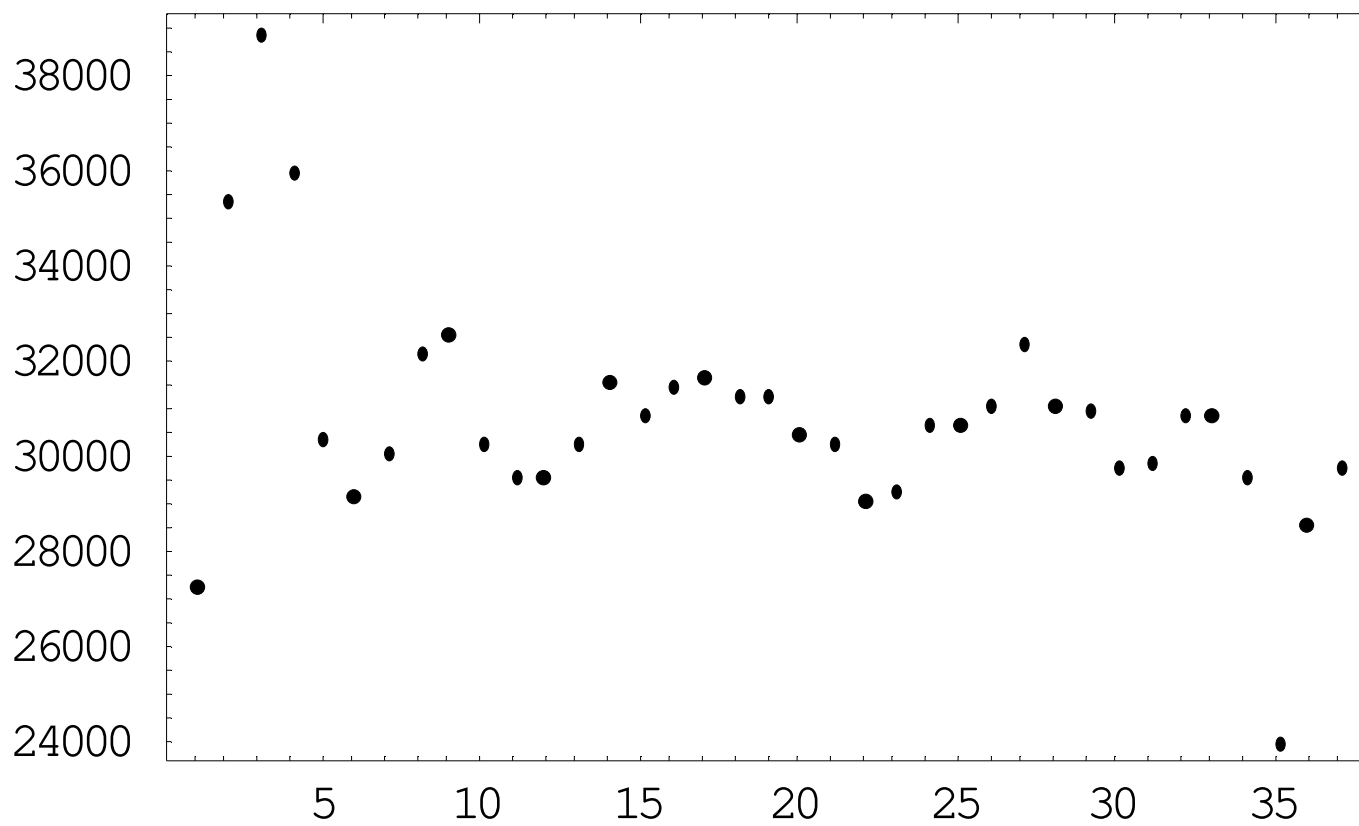


Contour 2x2

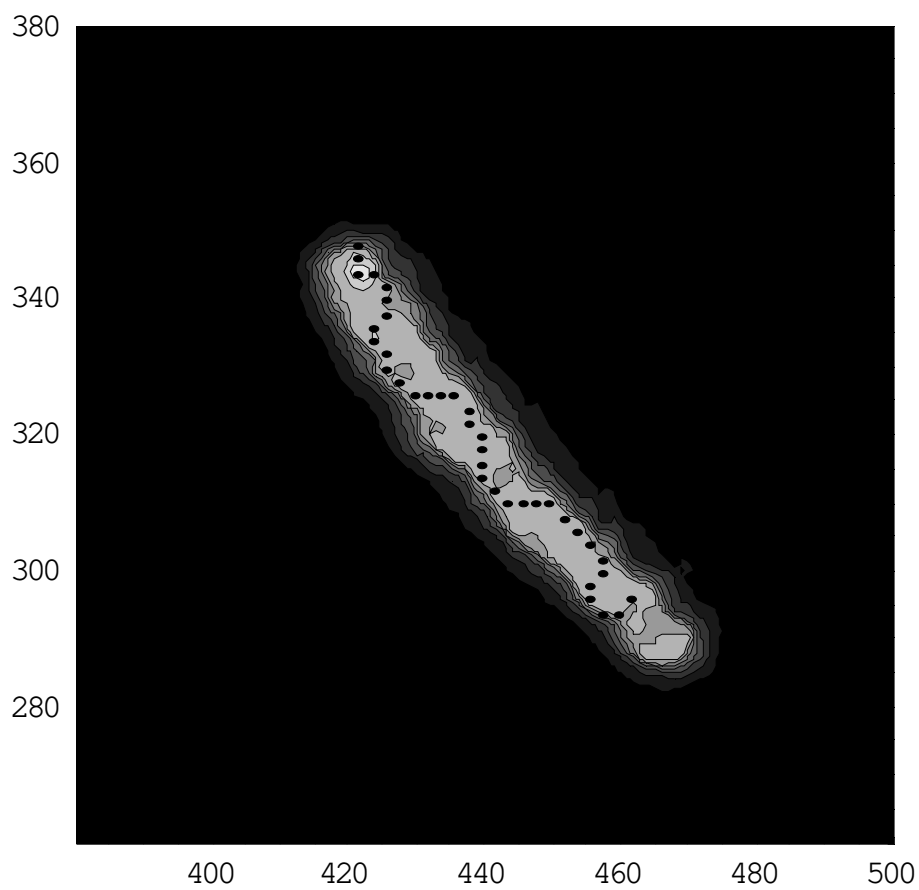




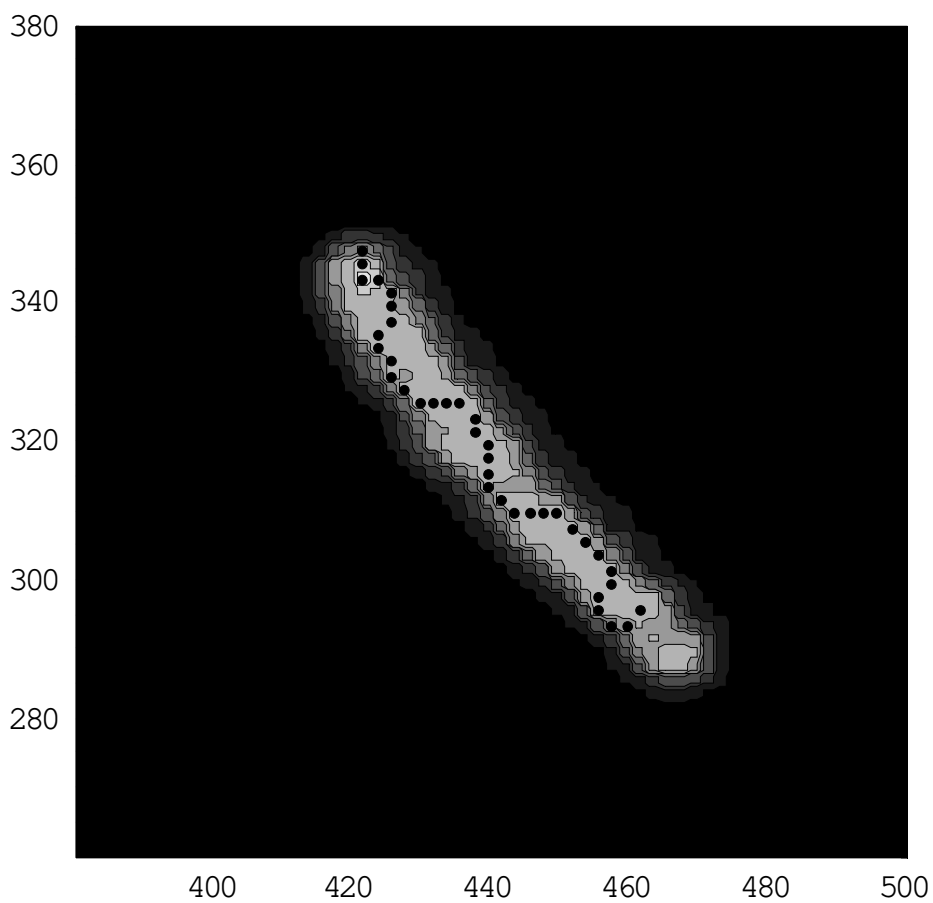
Trail (ADU profile)



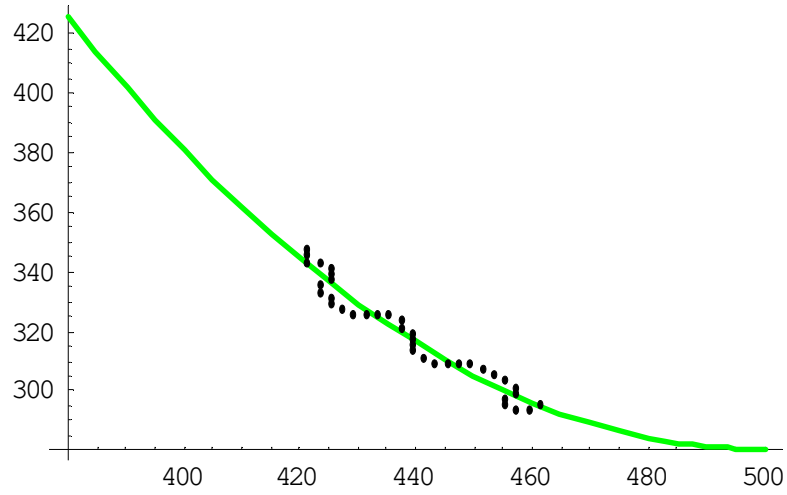
Trail + Contour 1x1



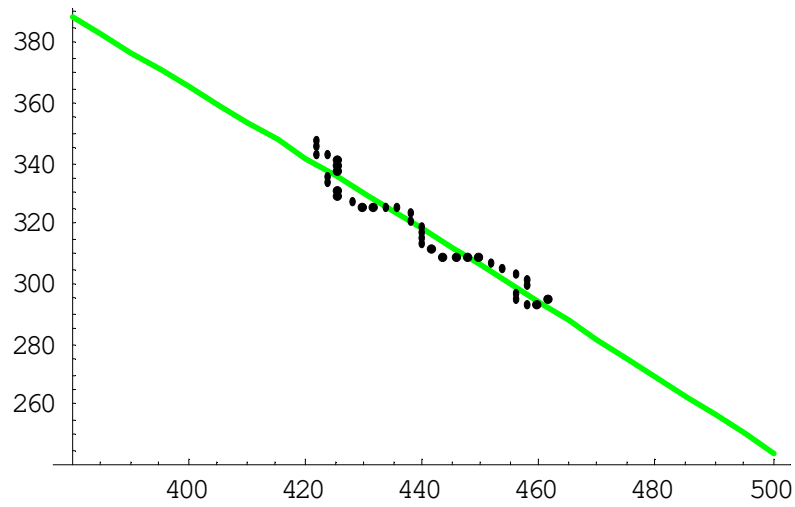
Trail + Contour 2x2



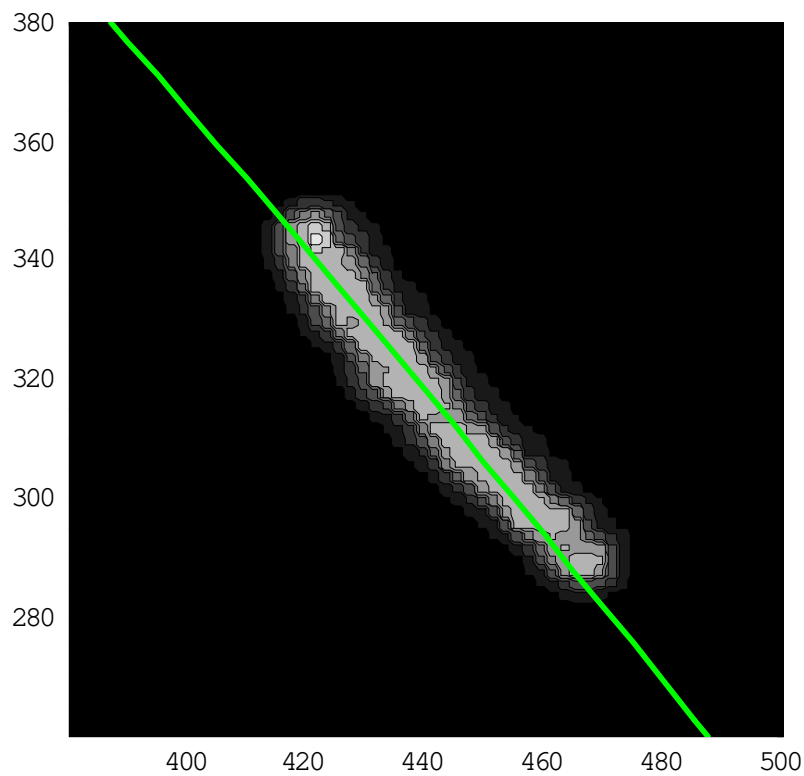
Parabole Fit



Circle '+' Fit



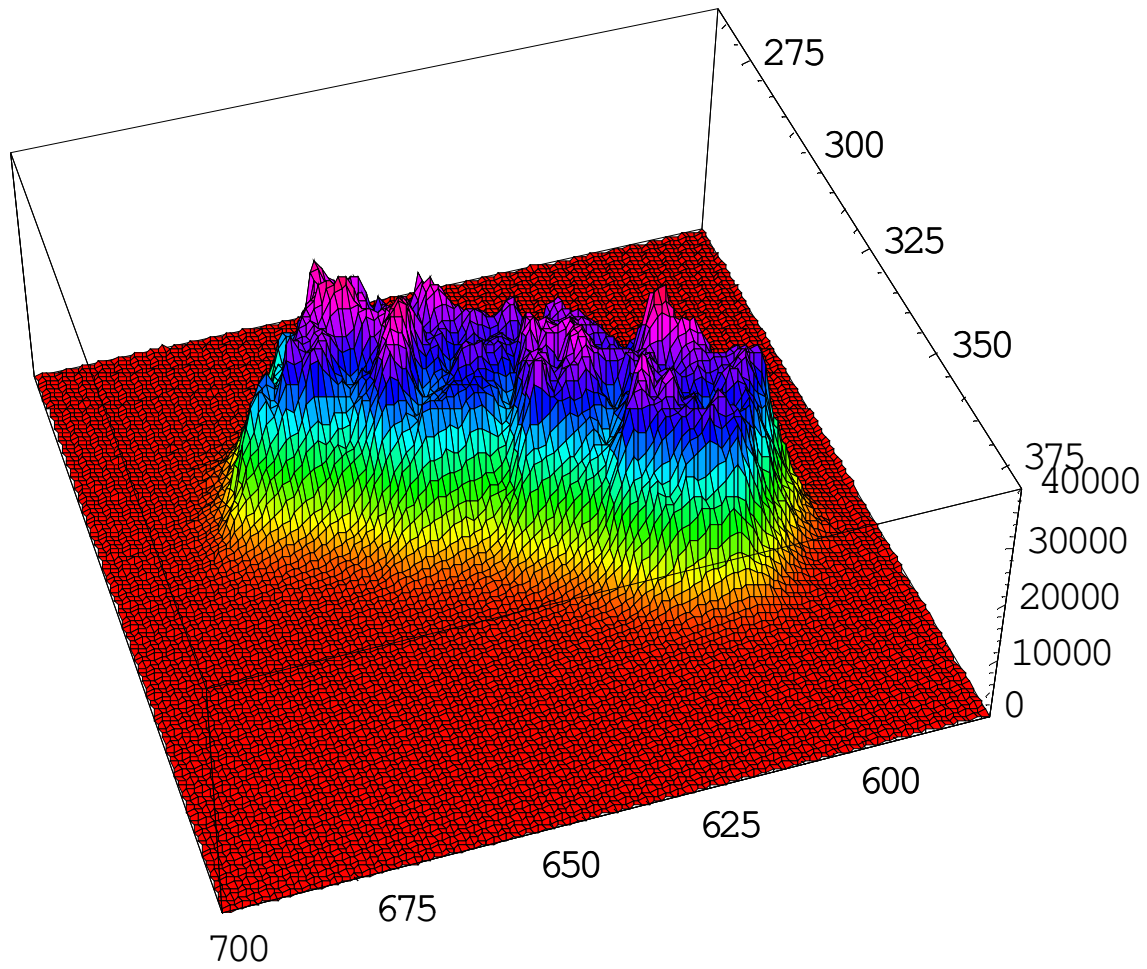
Circle '+' Fit on path



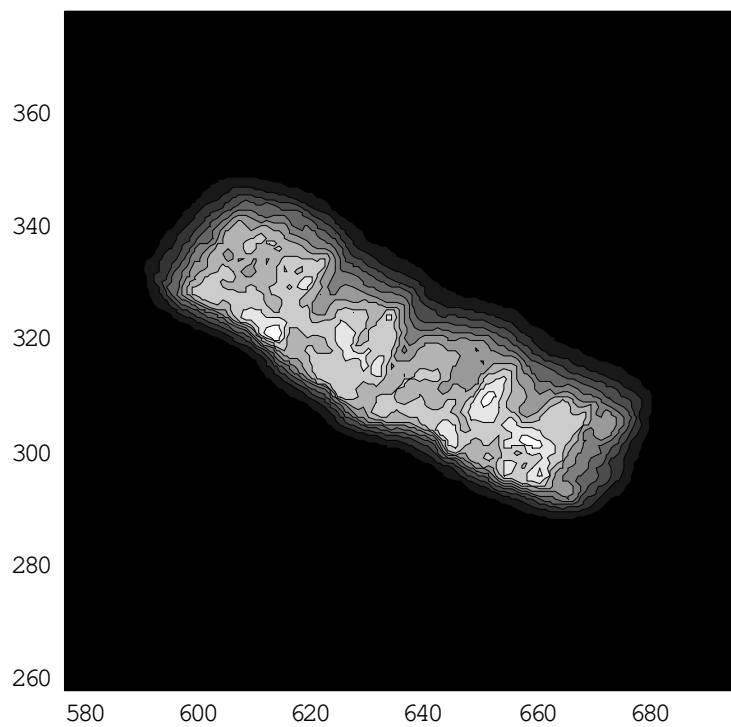
12-06-2008

A1 – JUNCAL (with “lobe work”)

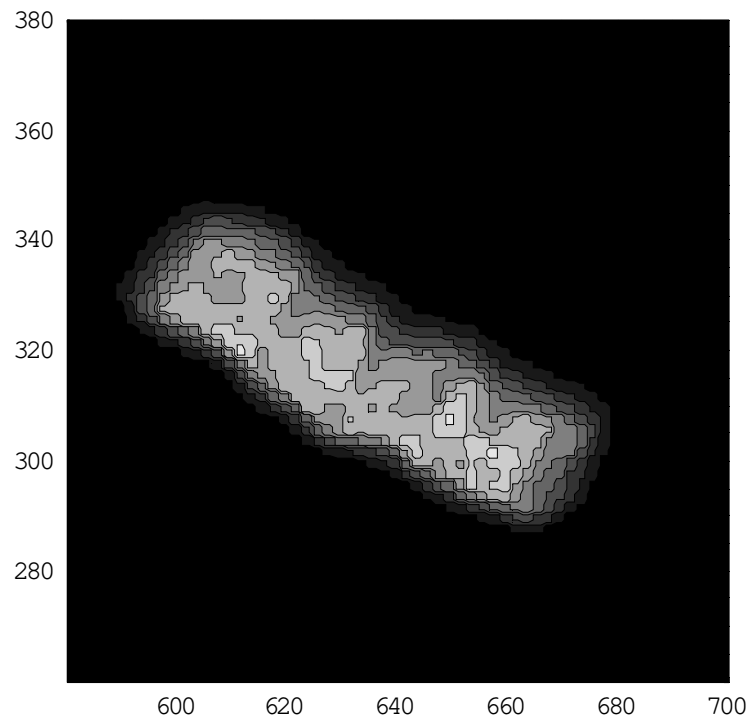
Trail 3D



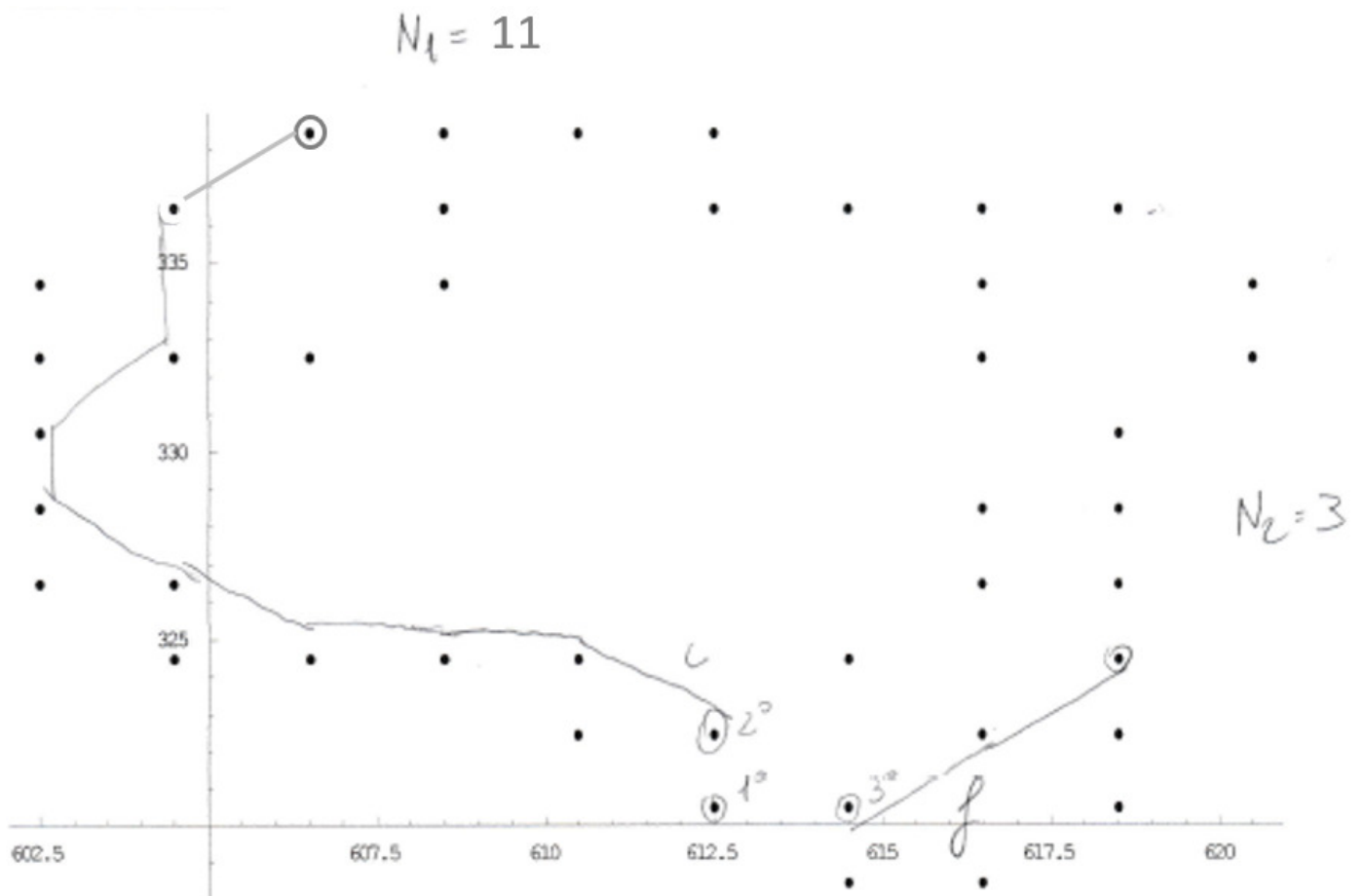
Contour 1x1

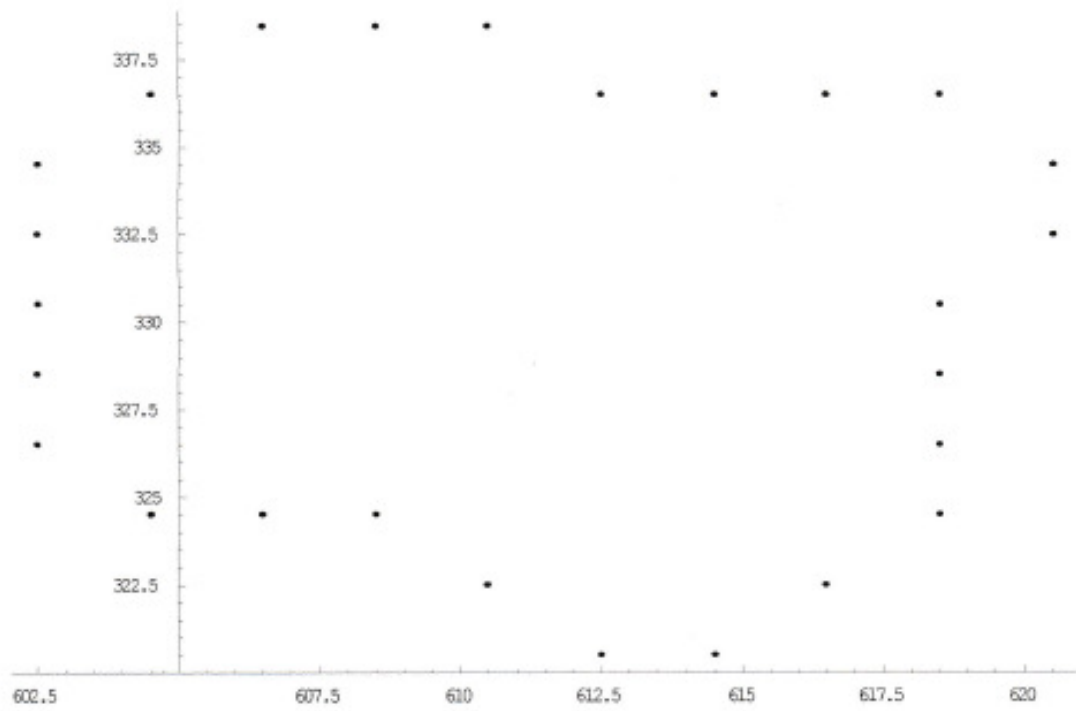


Contour 2x2

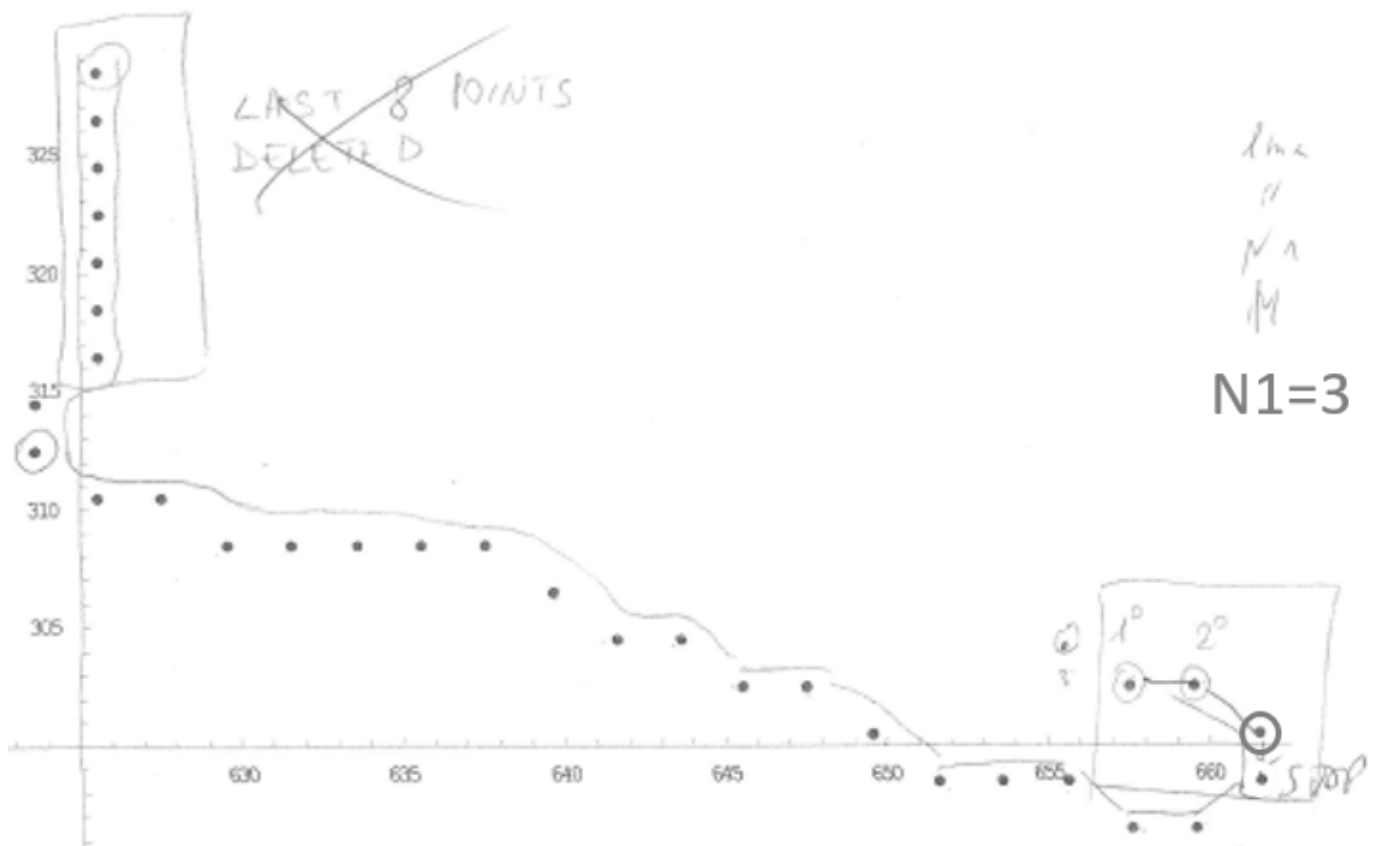


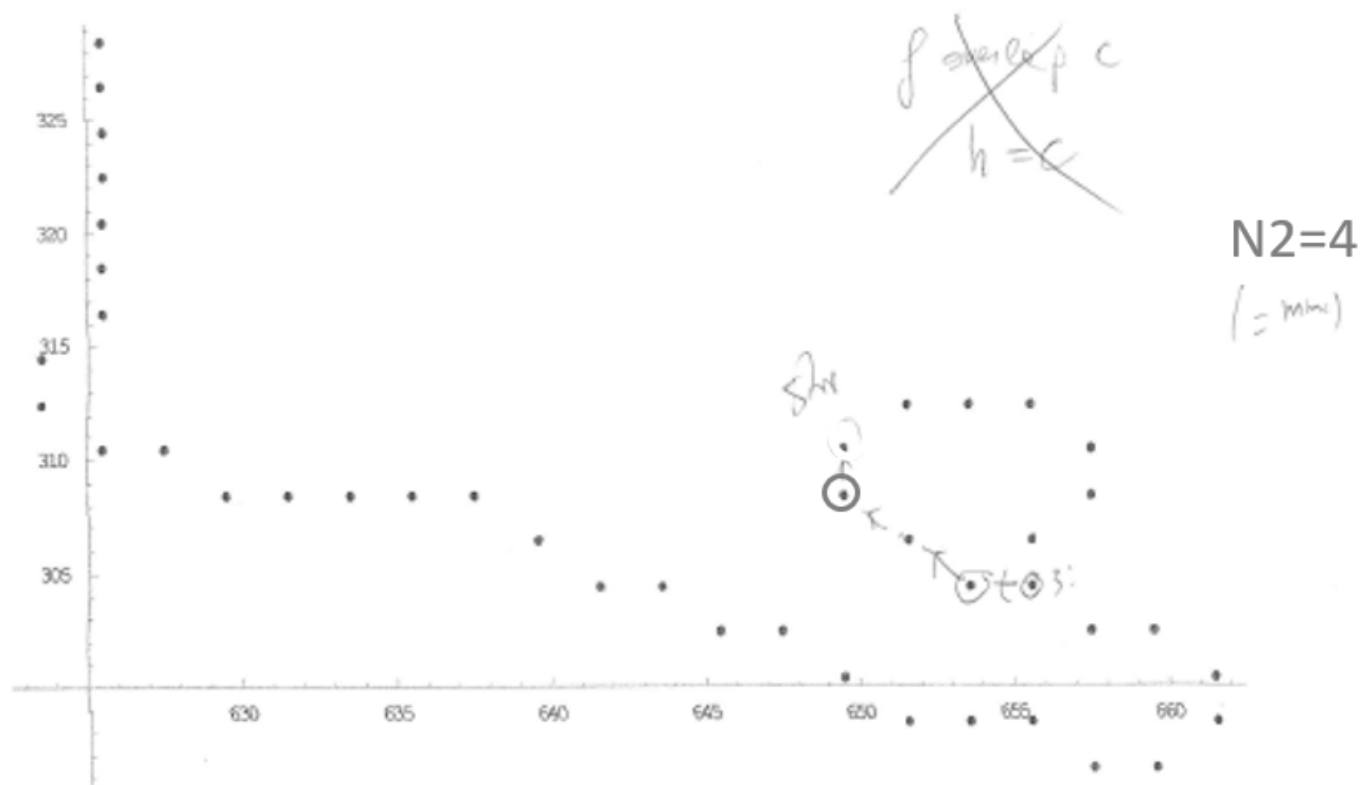
c+f vectors – main



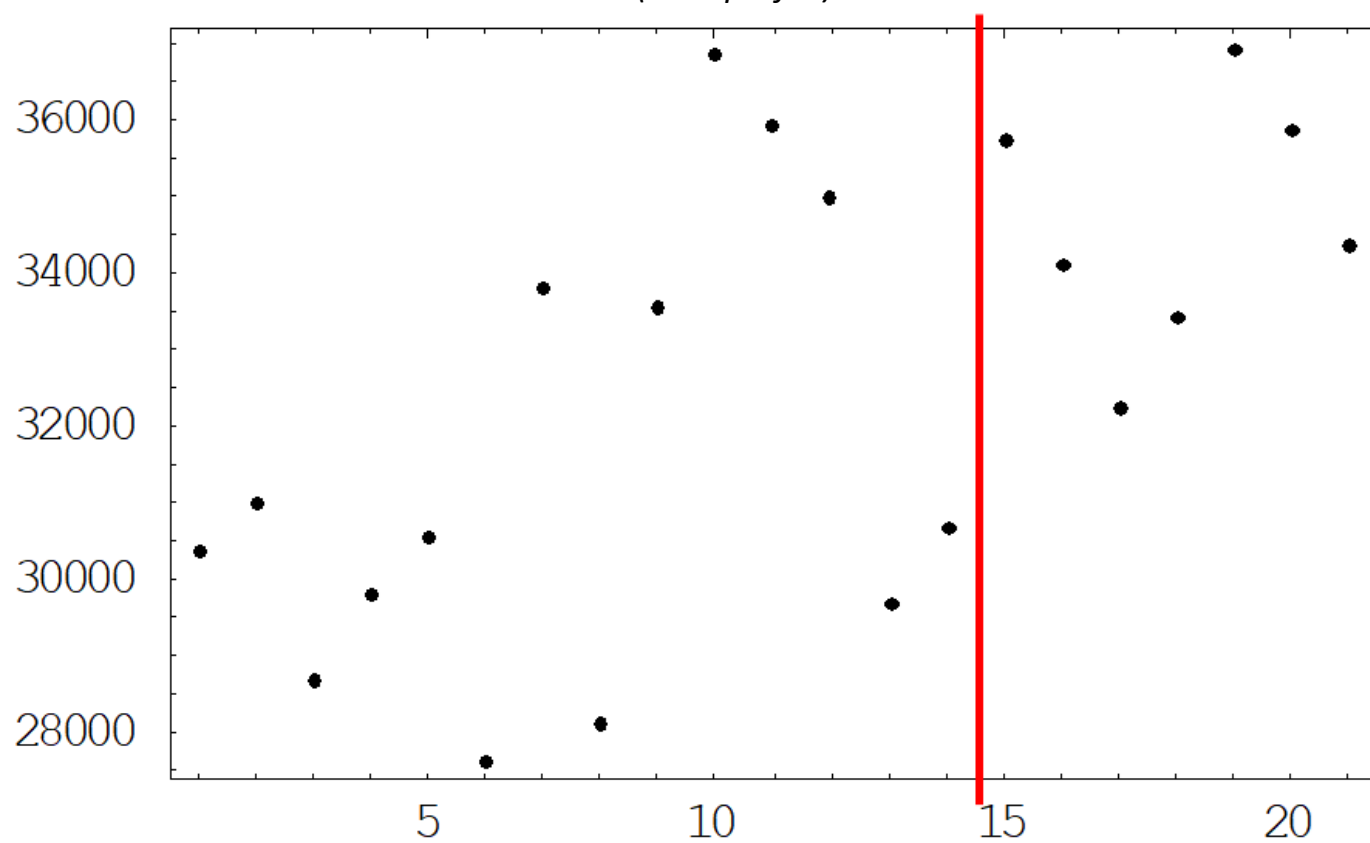


c+f vectors – lobe

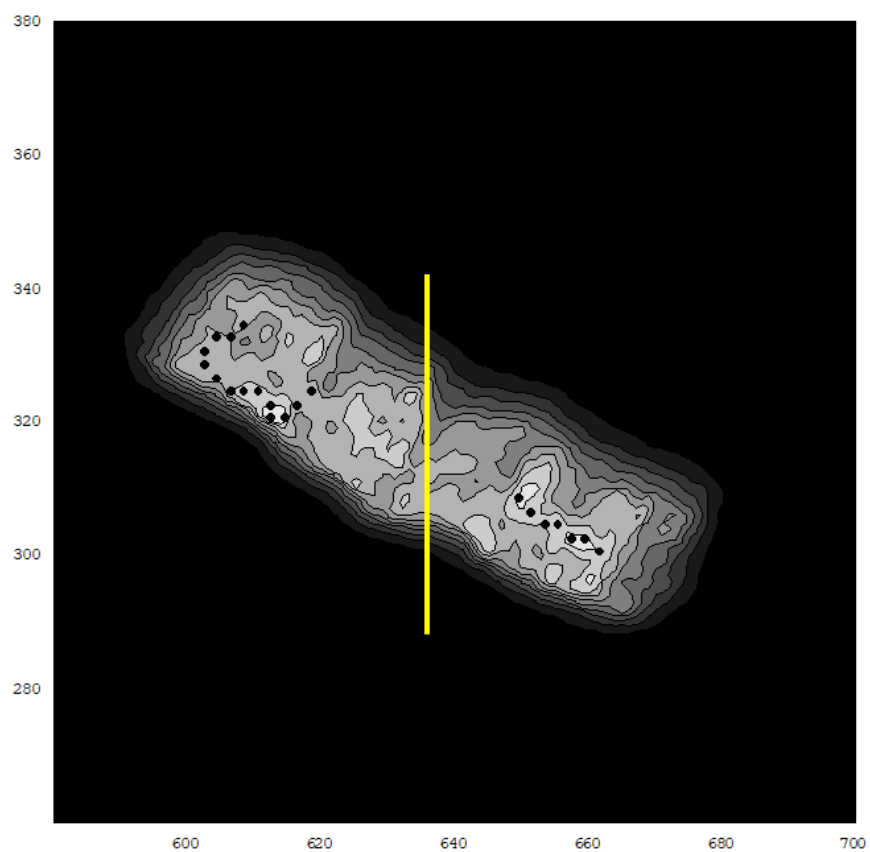




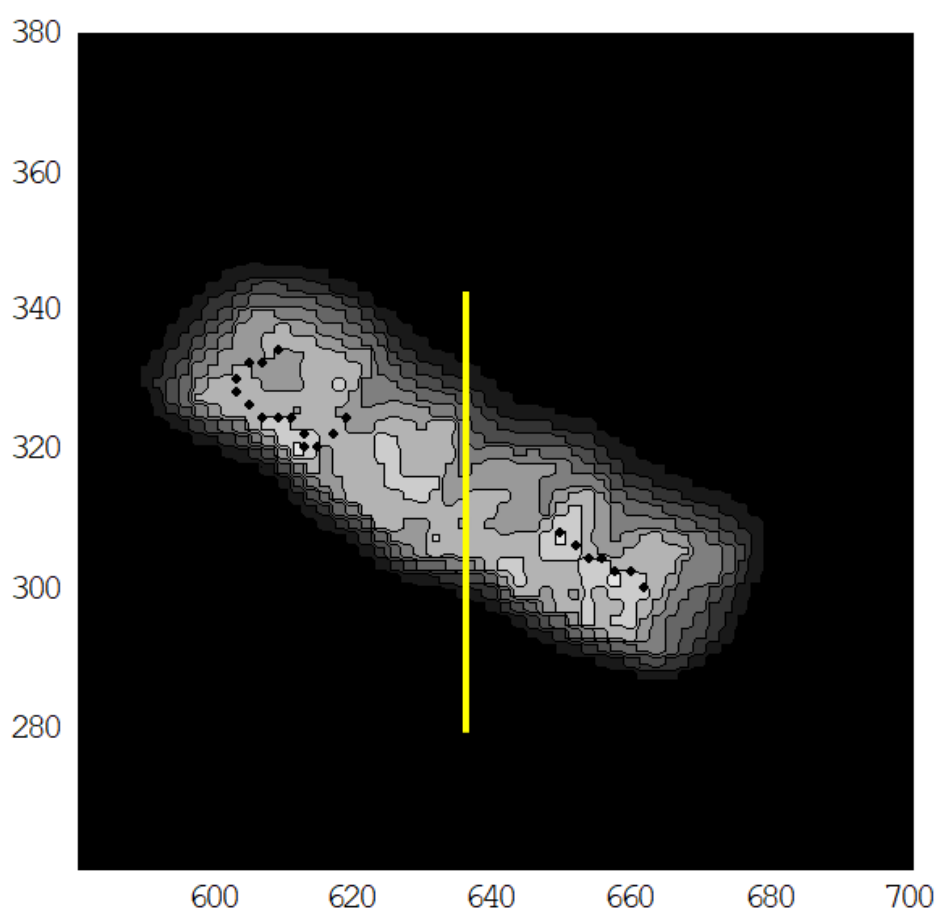
Trail (ADU profile)



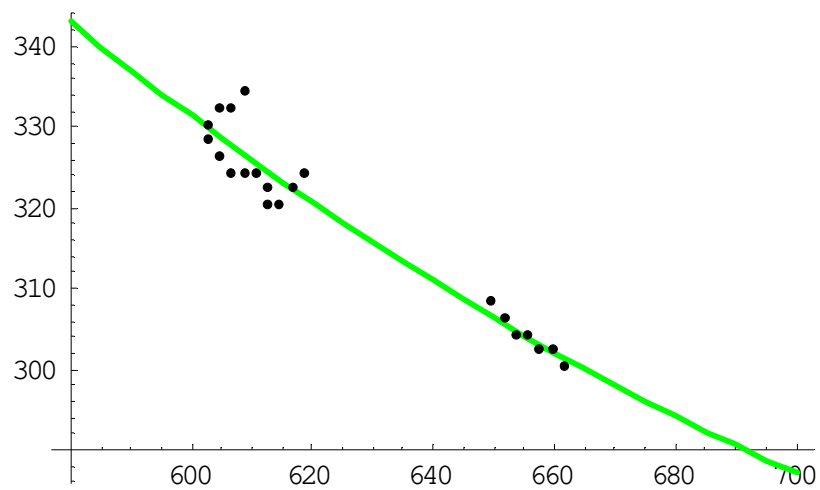
Trail + Contour 1x1



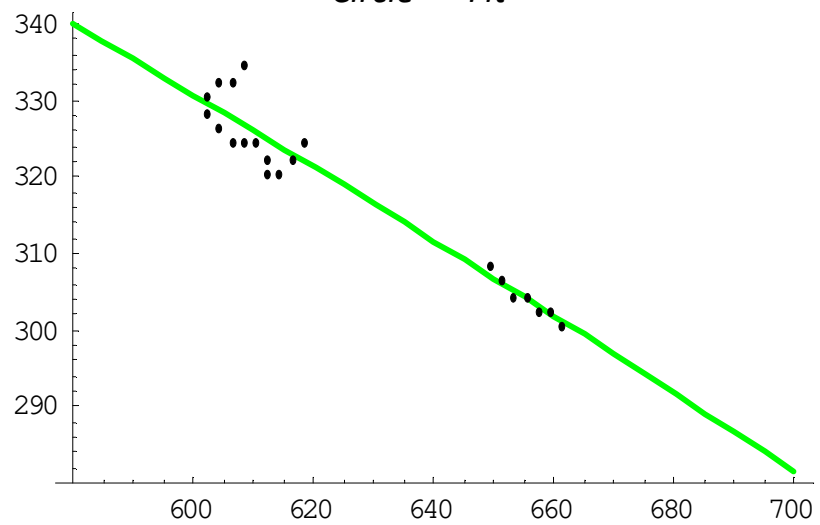
Trail + Contour 2x2



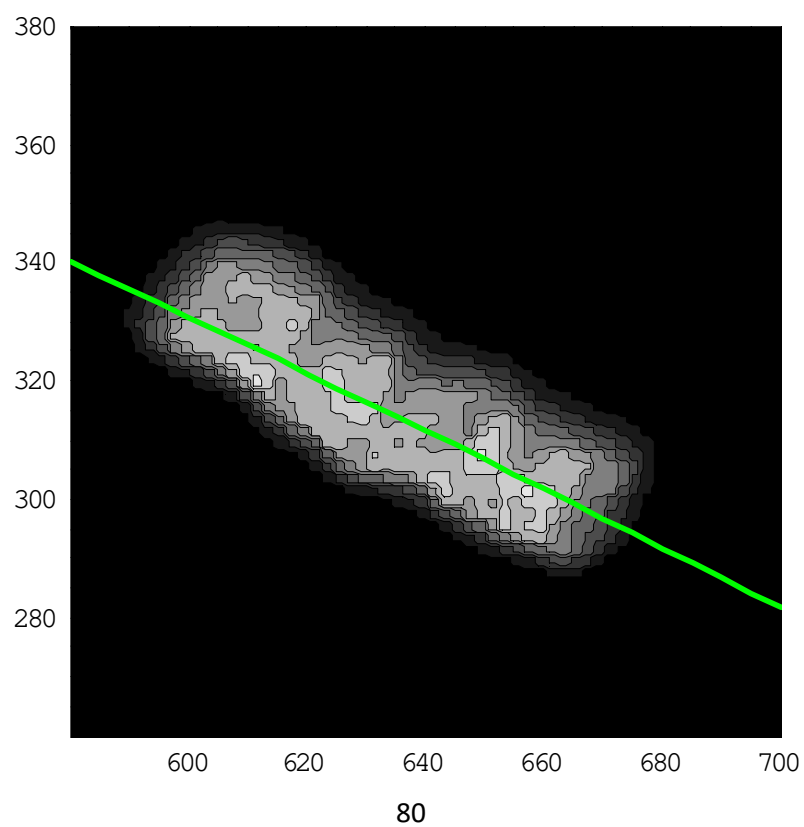
Parabole Fit



Circle '+' Fit

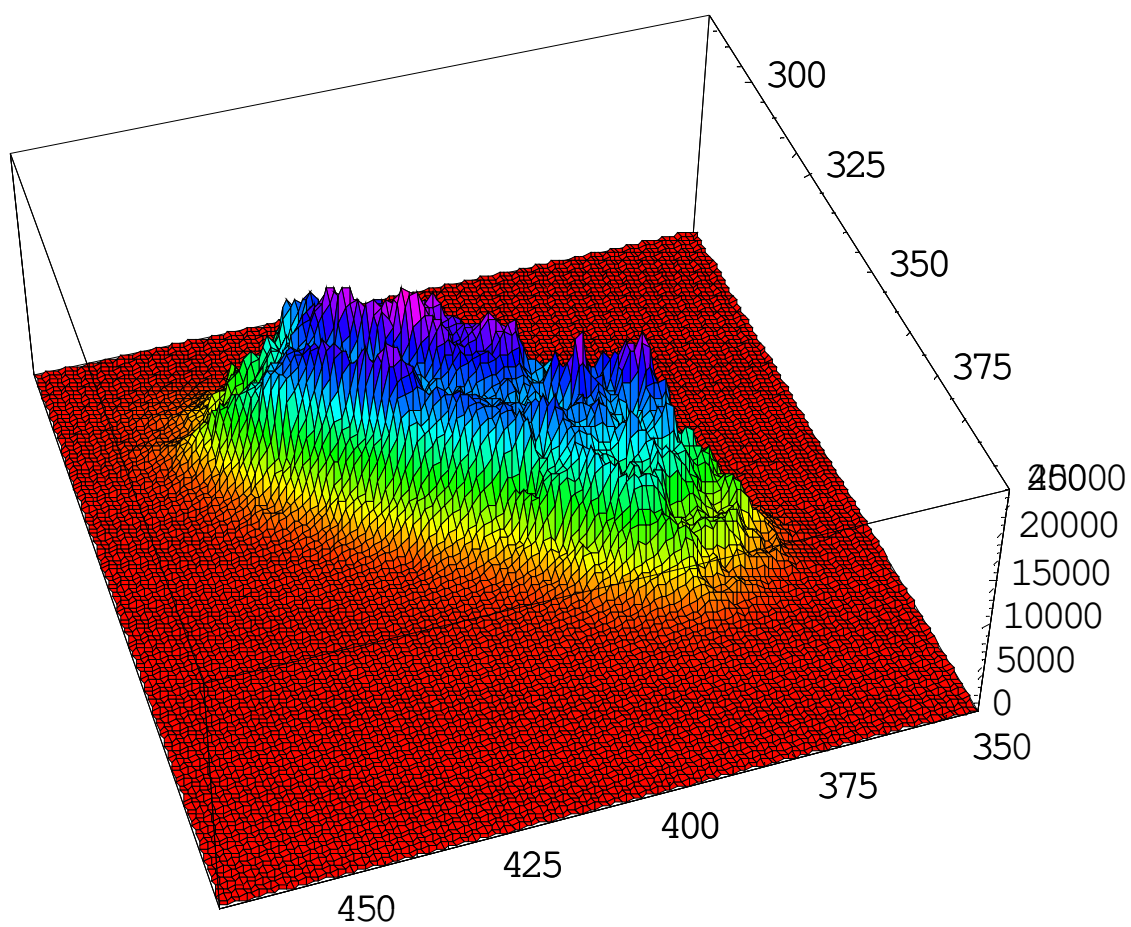


Circle '+' Fit on path

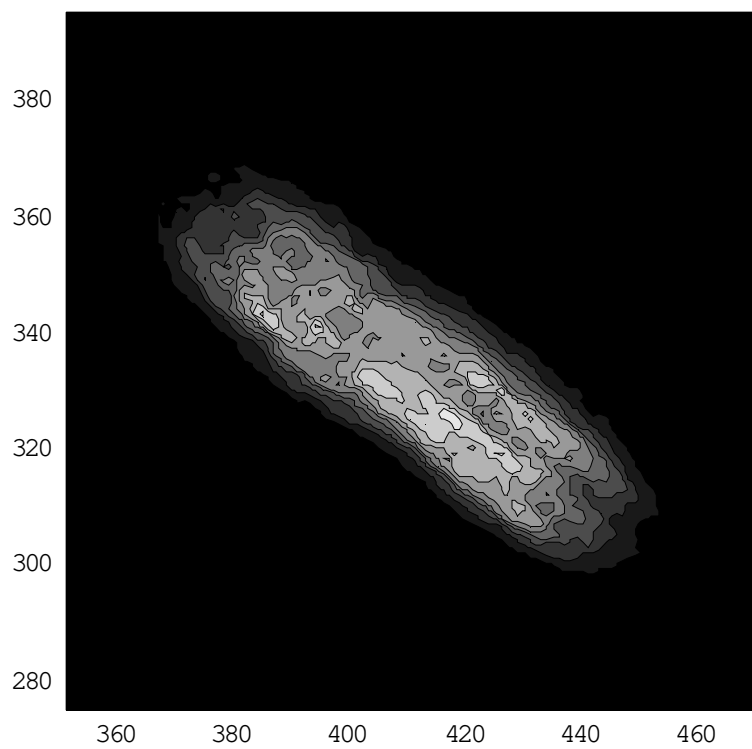


27-06-2008 A1 – JUNCAL

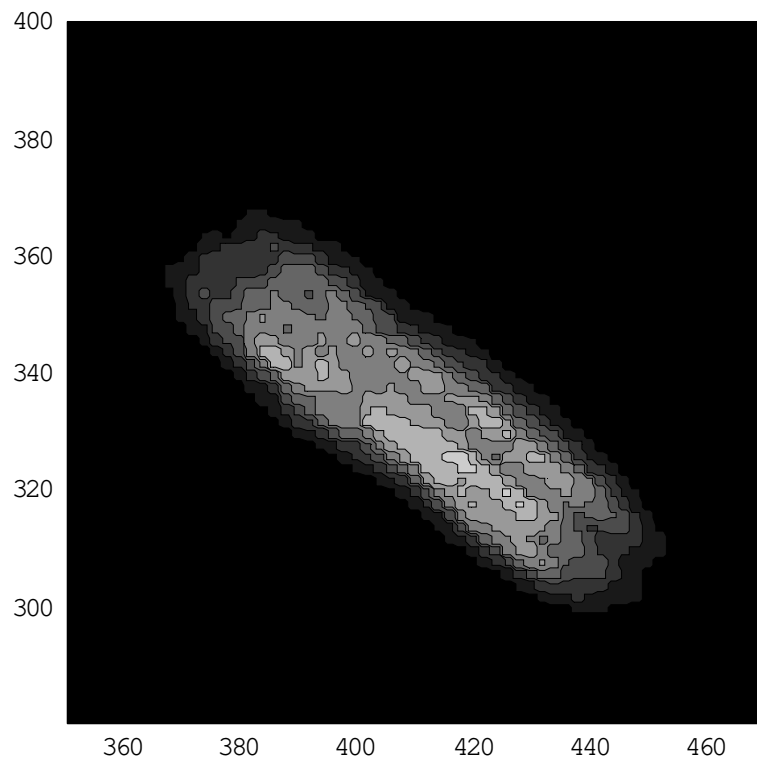
Trail 3D



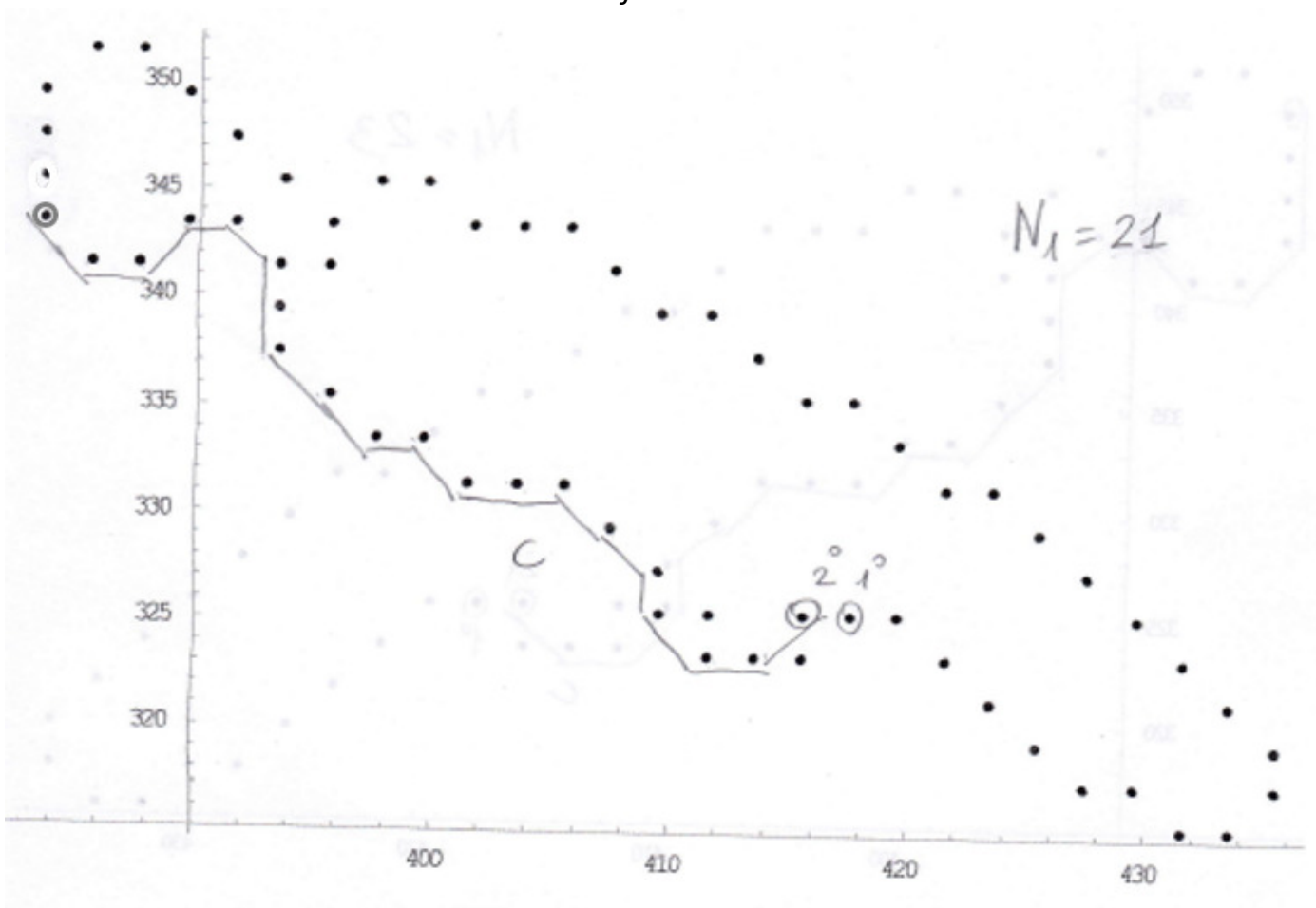
Contour 1x1

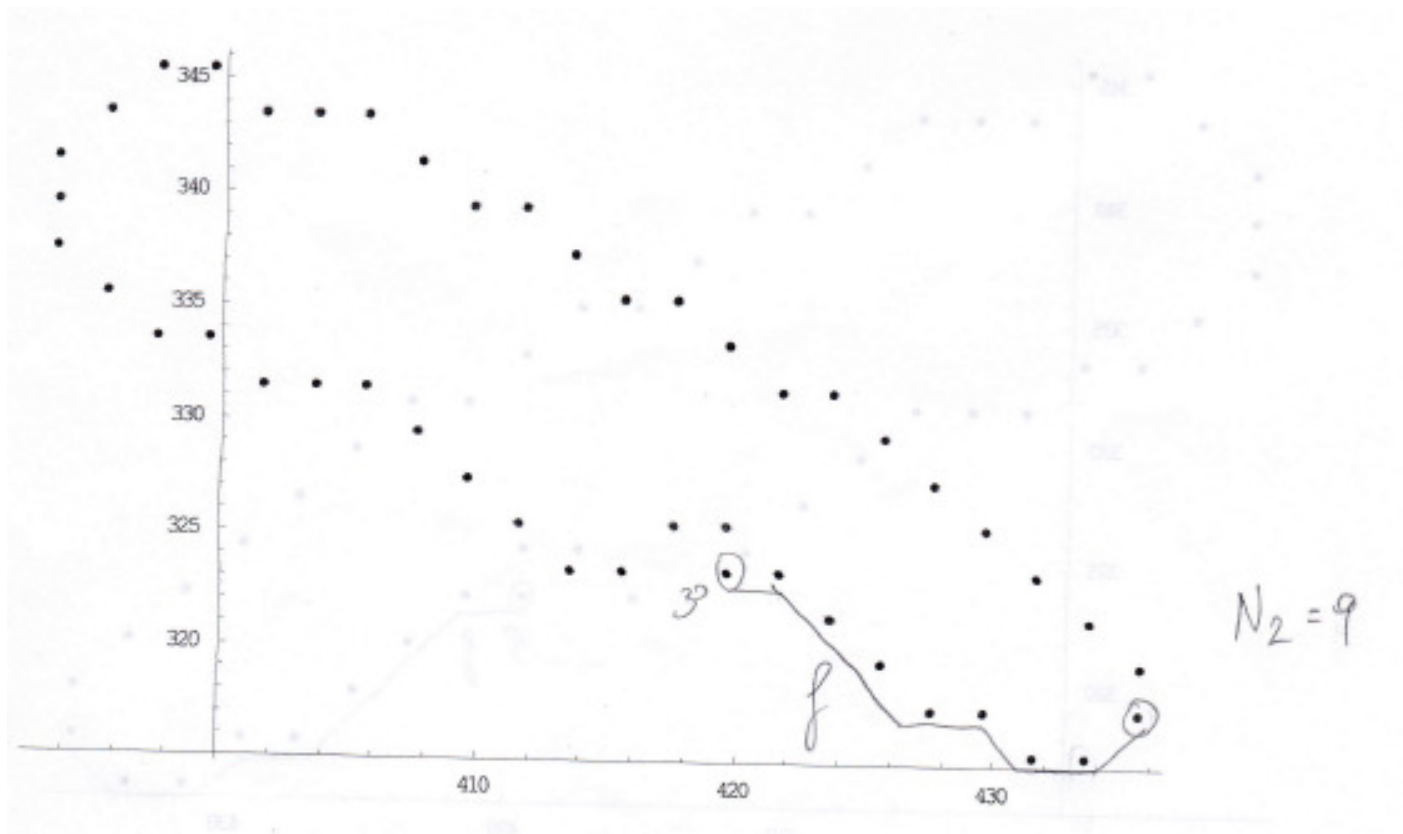


Contour 2x2

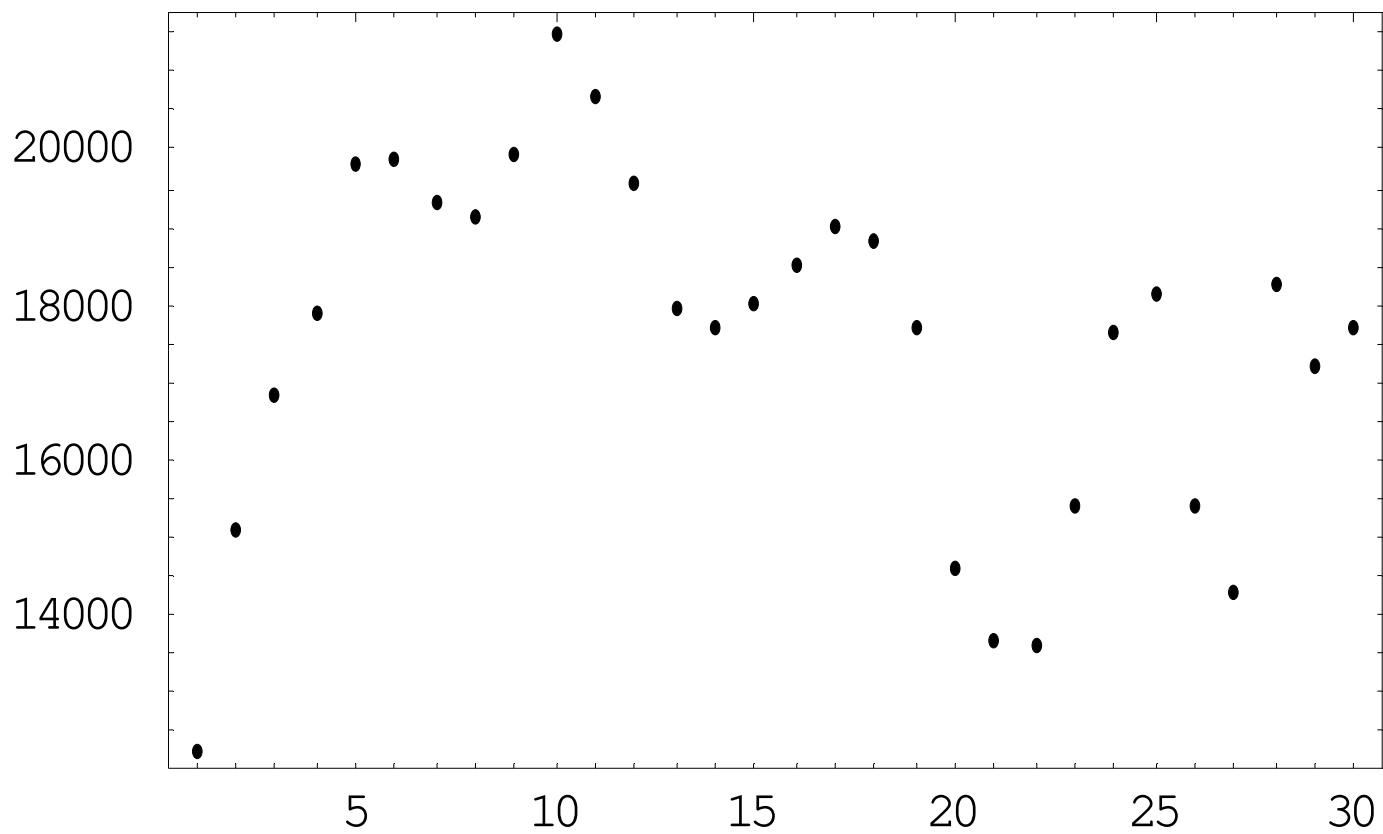


$c+f$ vectors

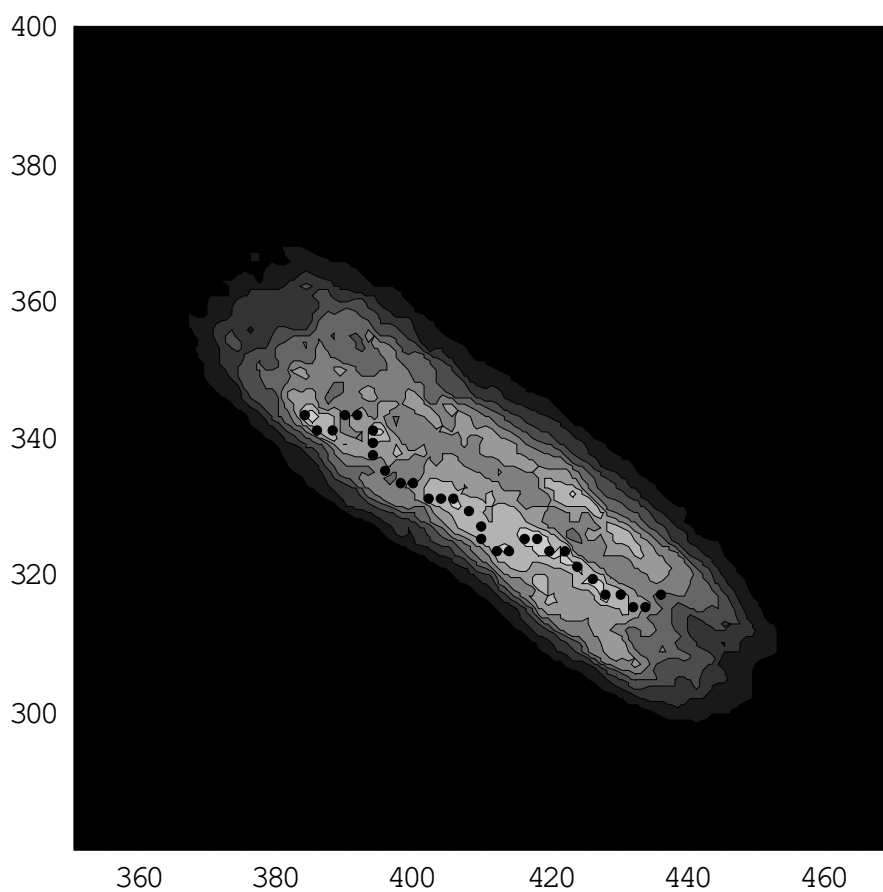




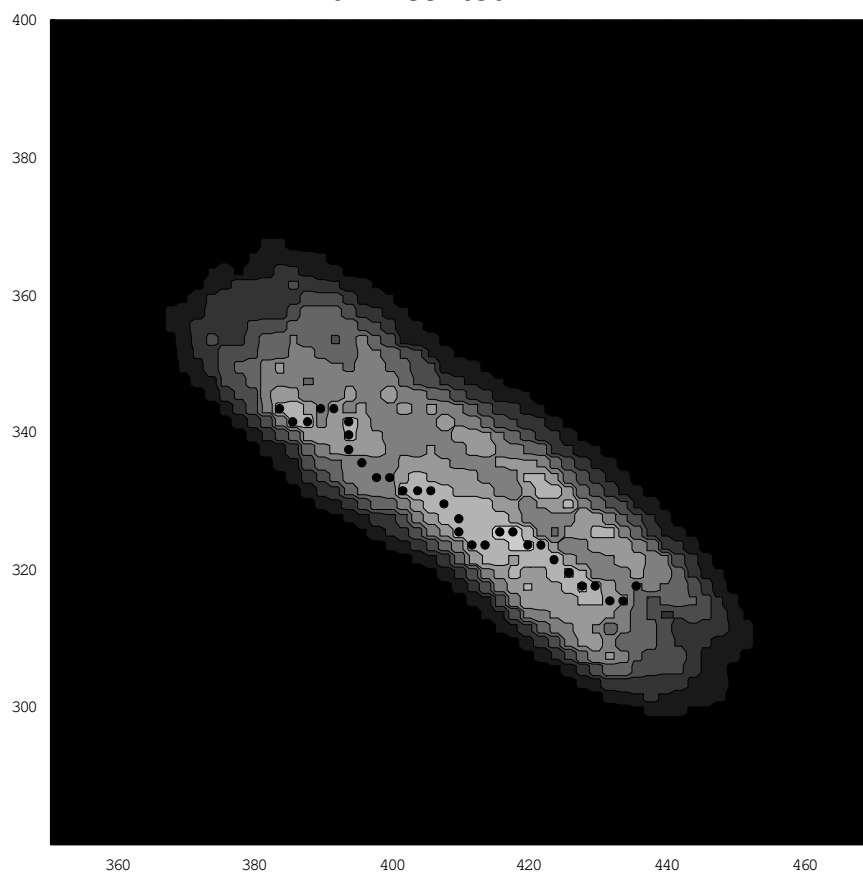
Trail (ADU profile)



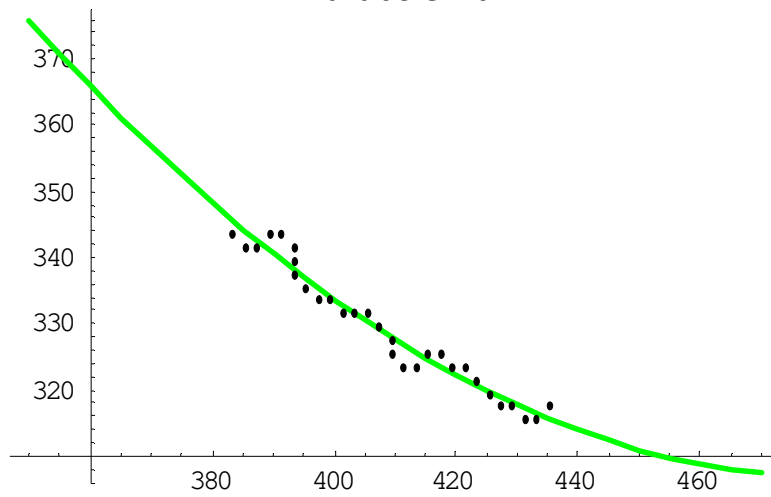
Trail + Contour 1x1



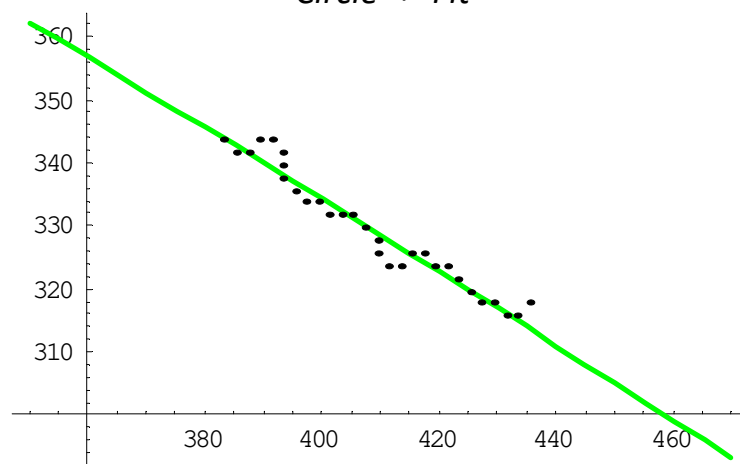
Trail + Contour 2x2



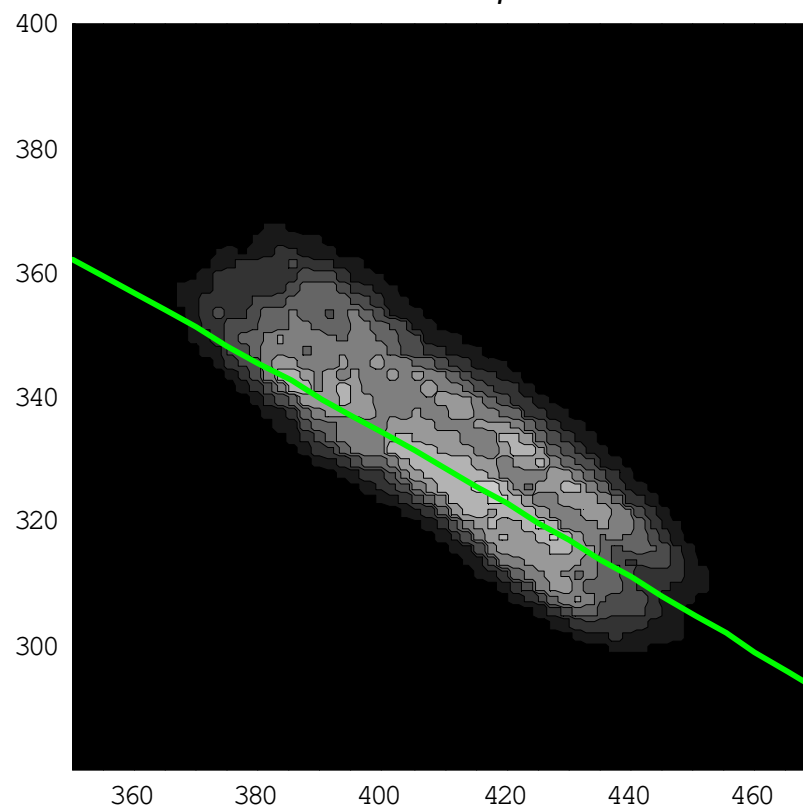
Parabole Fit



Circle '+' Fit



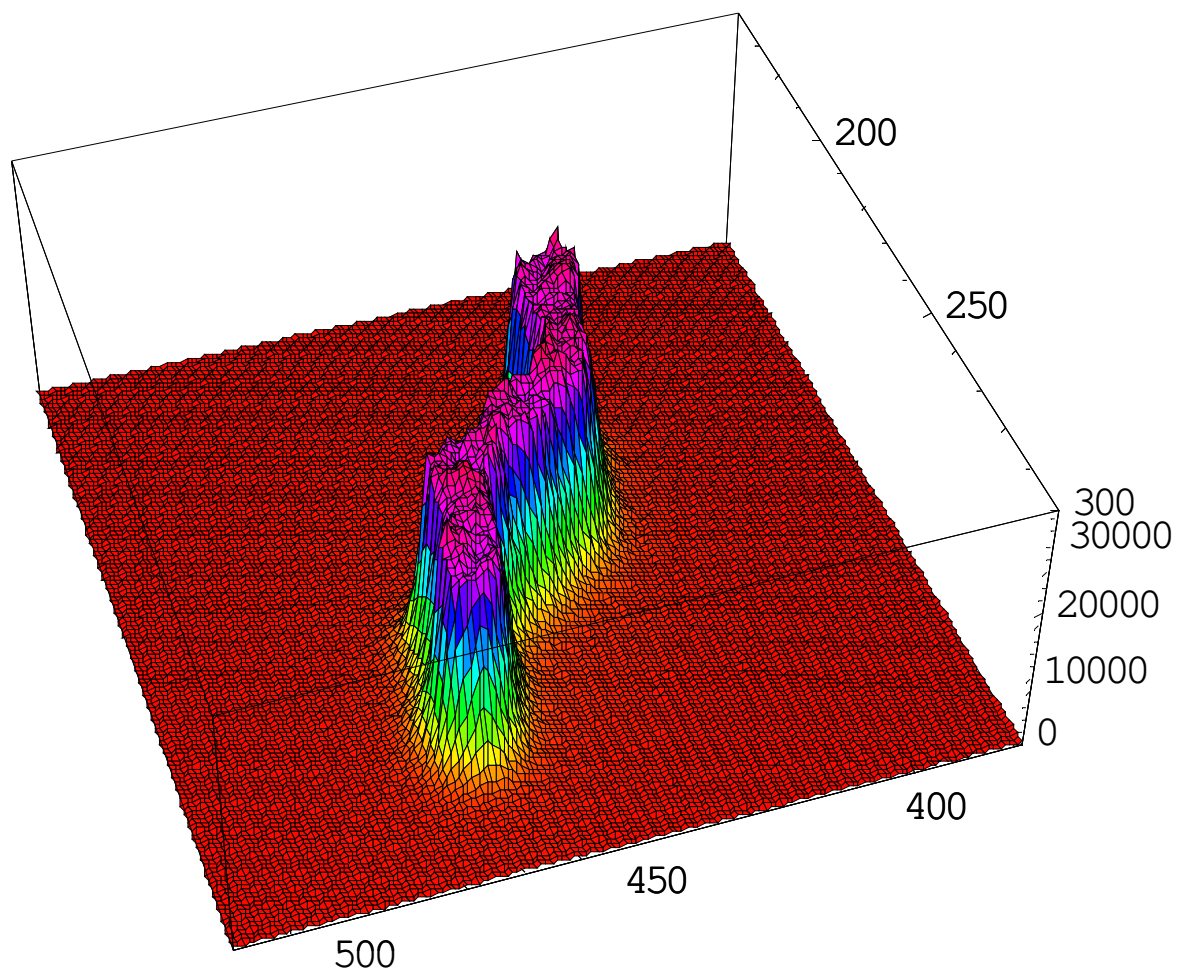
Circle '+' Fit on path



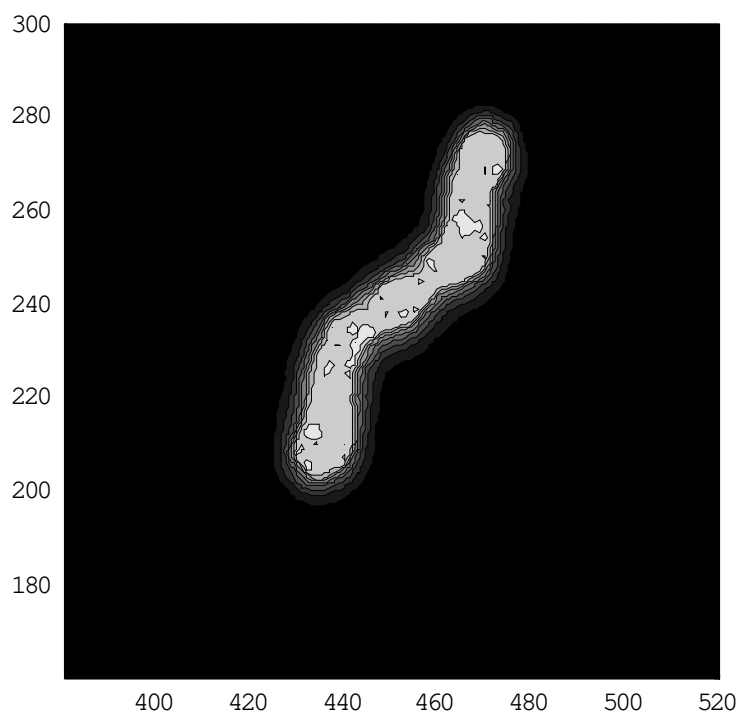
04-07-2008

A1 – JUNCAL (with “lobe work”)

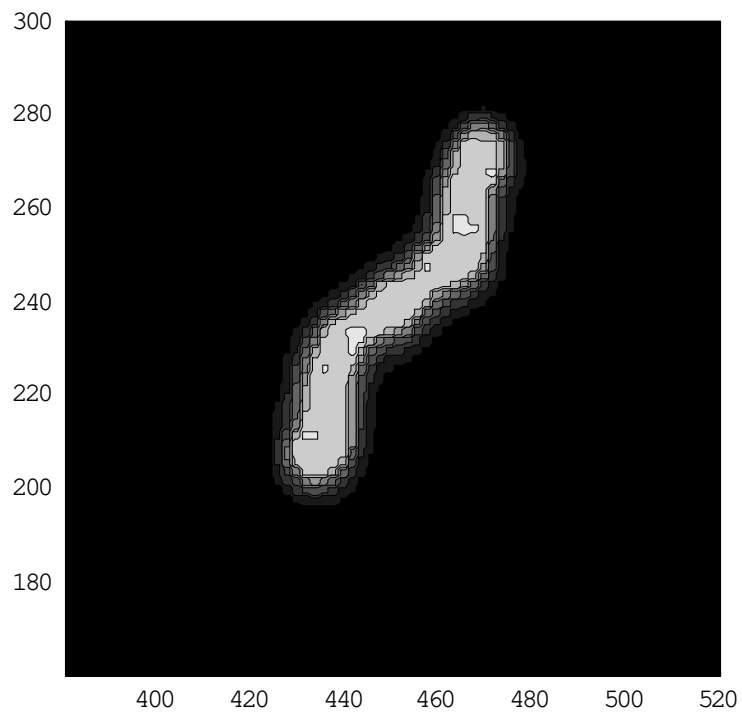
Trail 3D



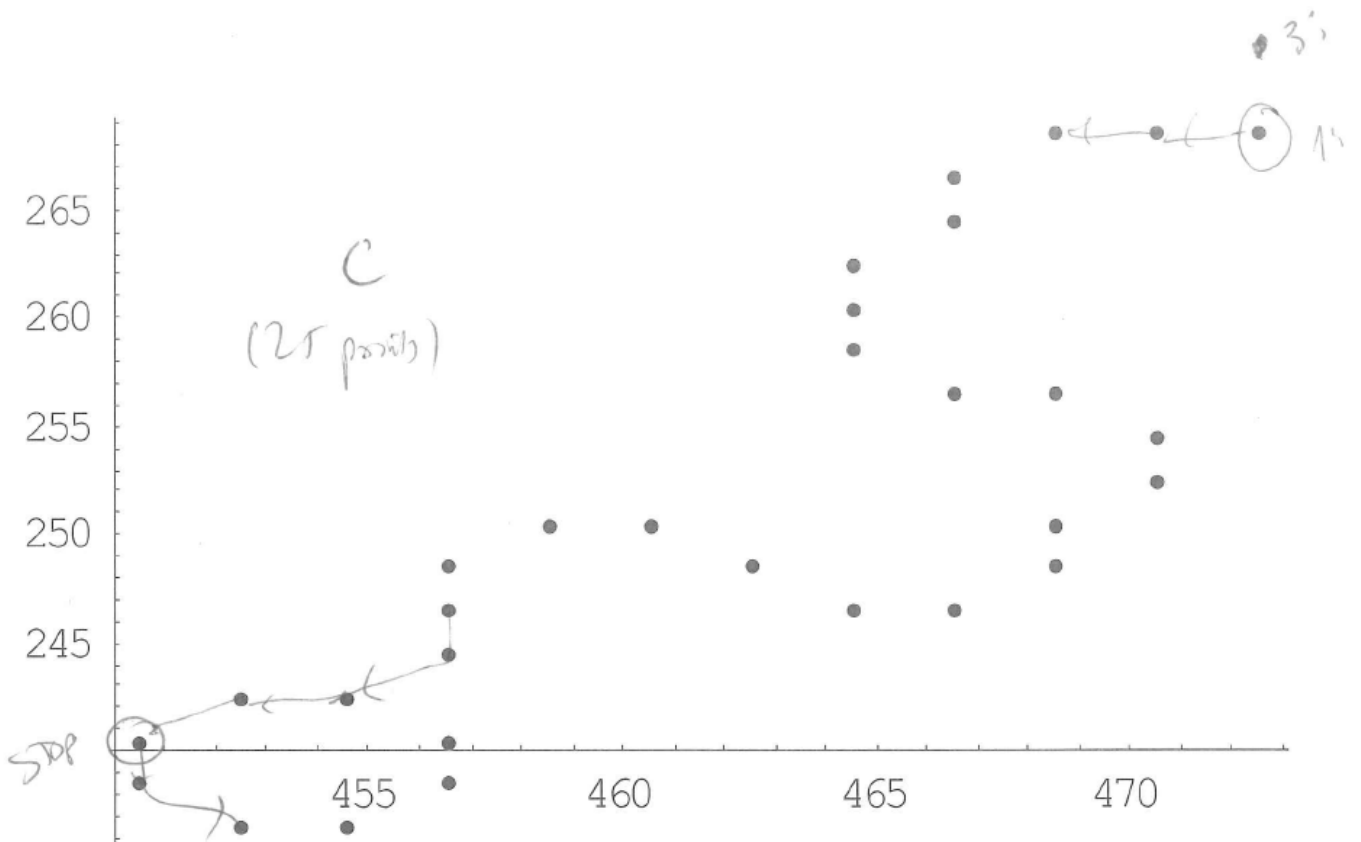
Contour 1x1

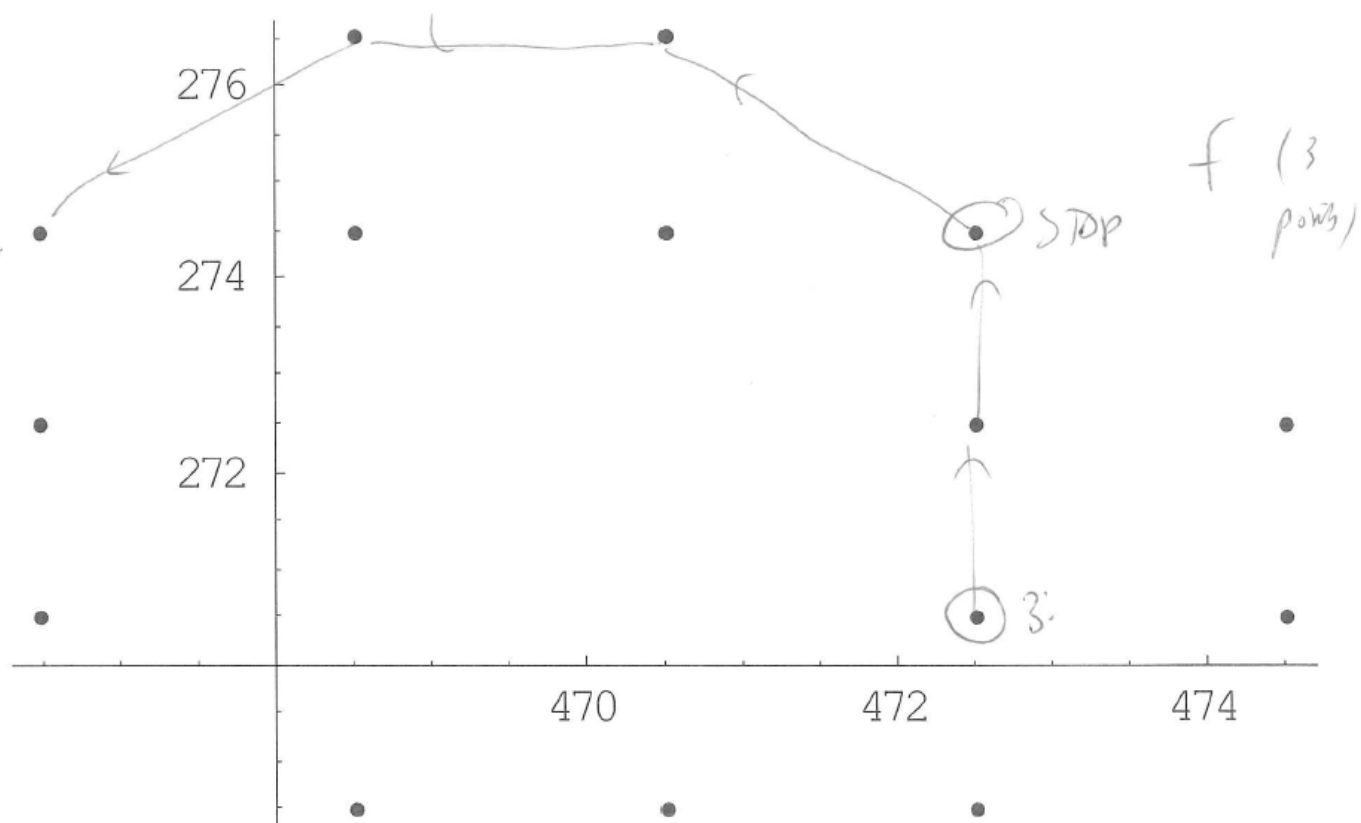


Contour 2x2



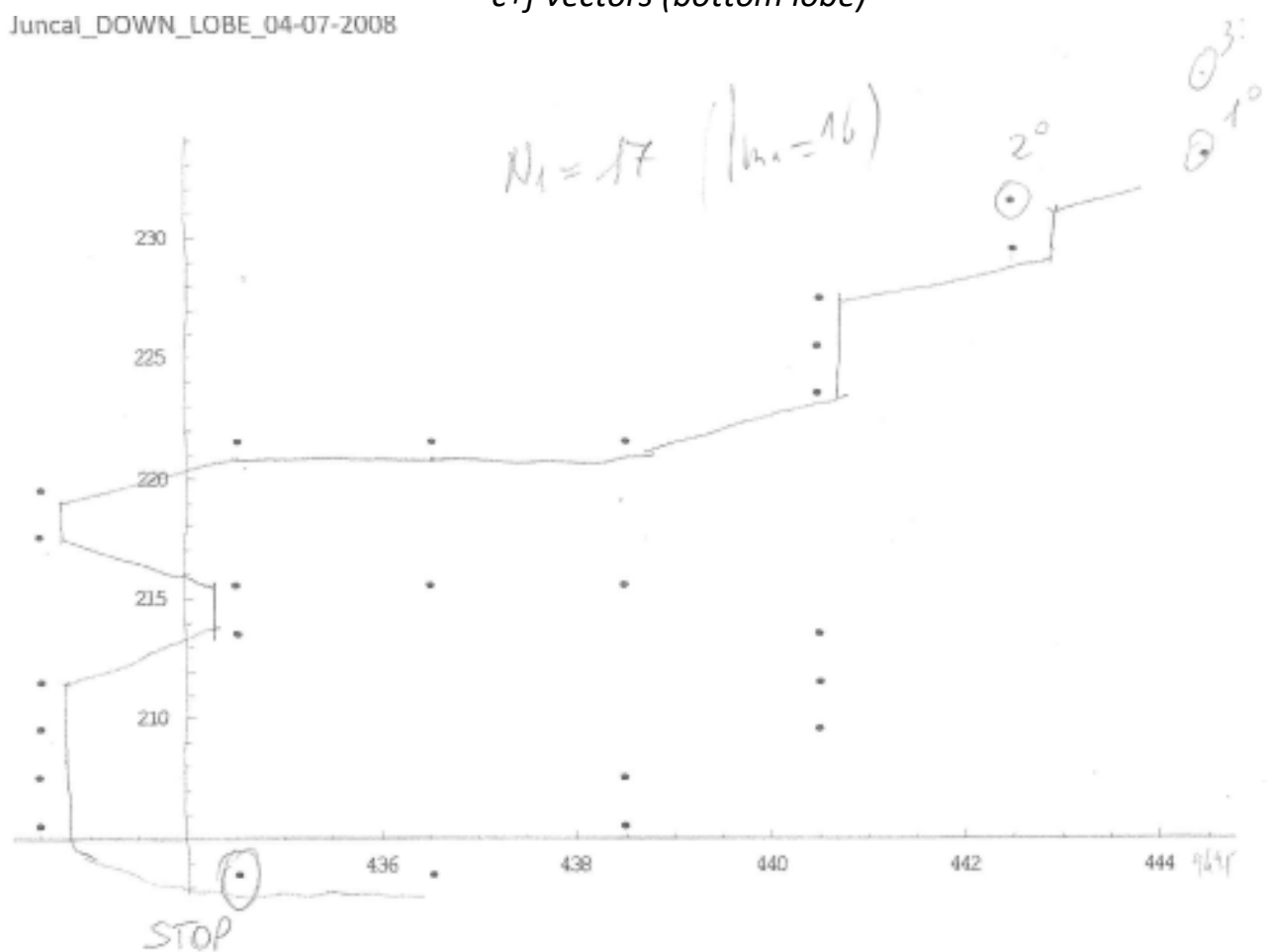
c+f vectors (main)

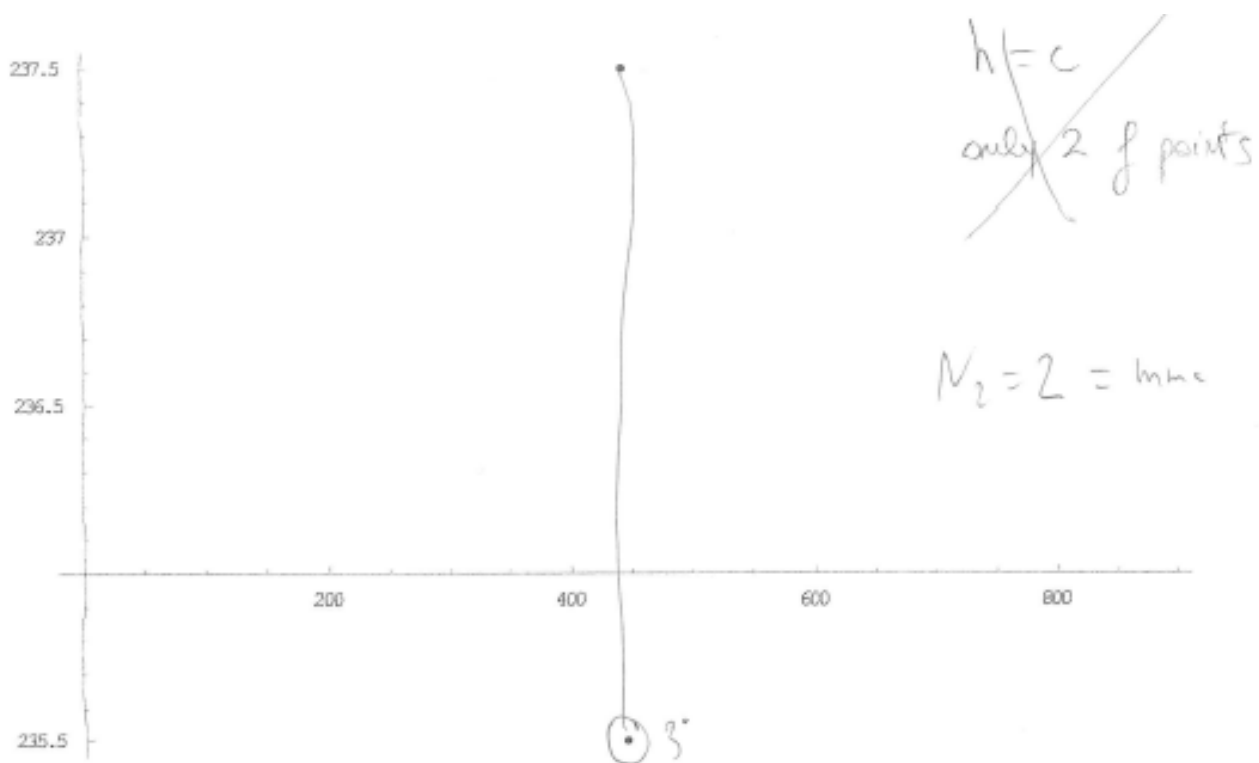




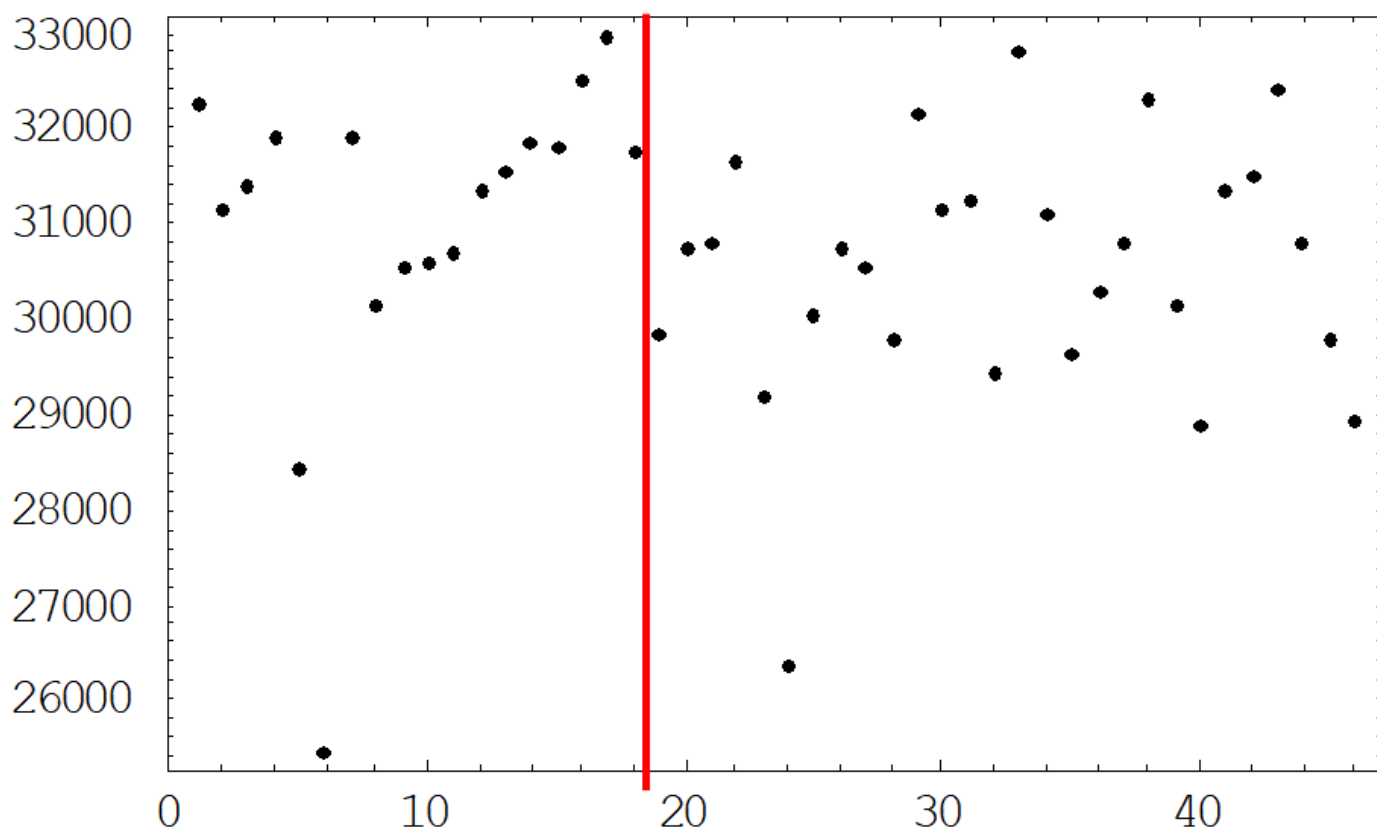
c+f vectors (bottom lobe)

Juncal_DOWN_LOBE_04-07-2008

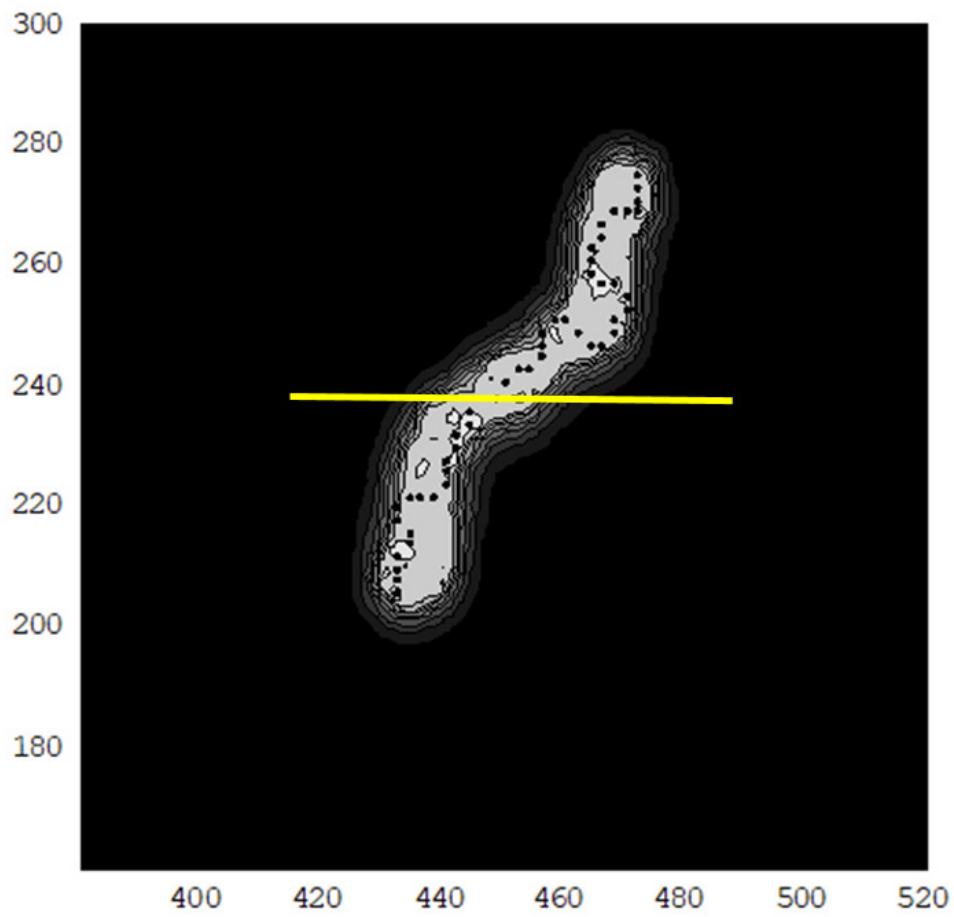




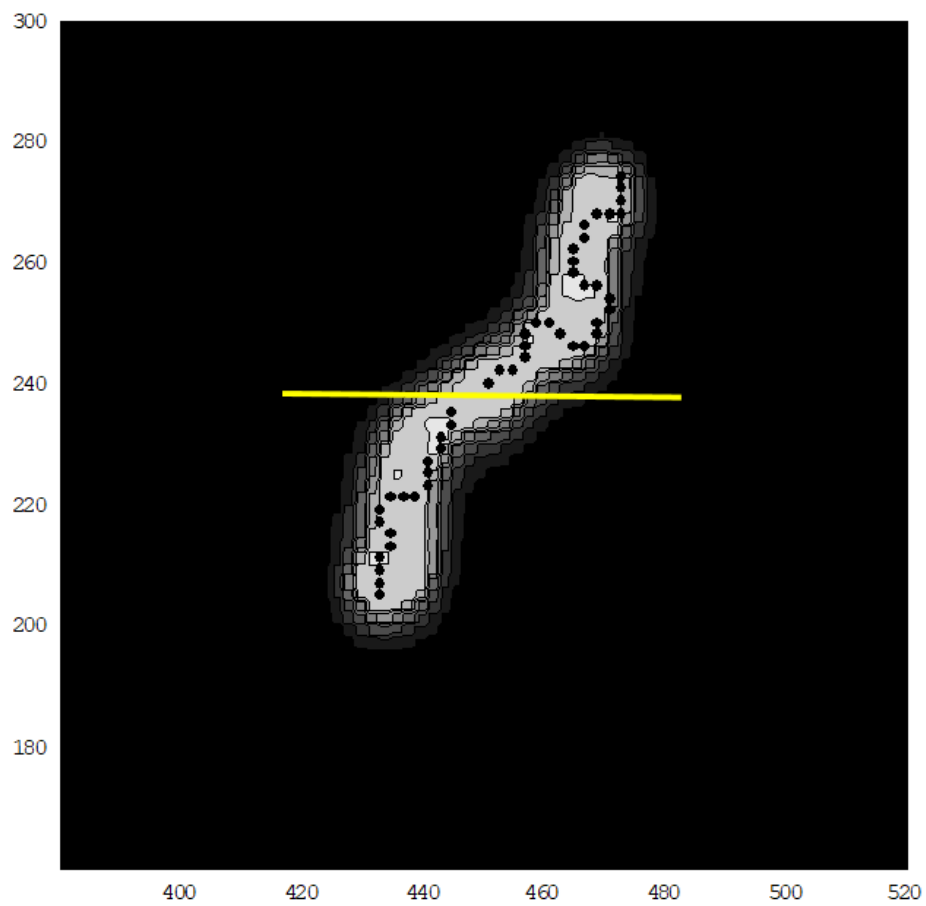
Trail (ADU profile)



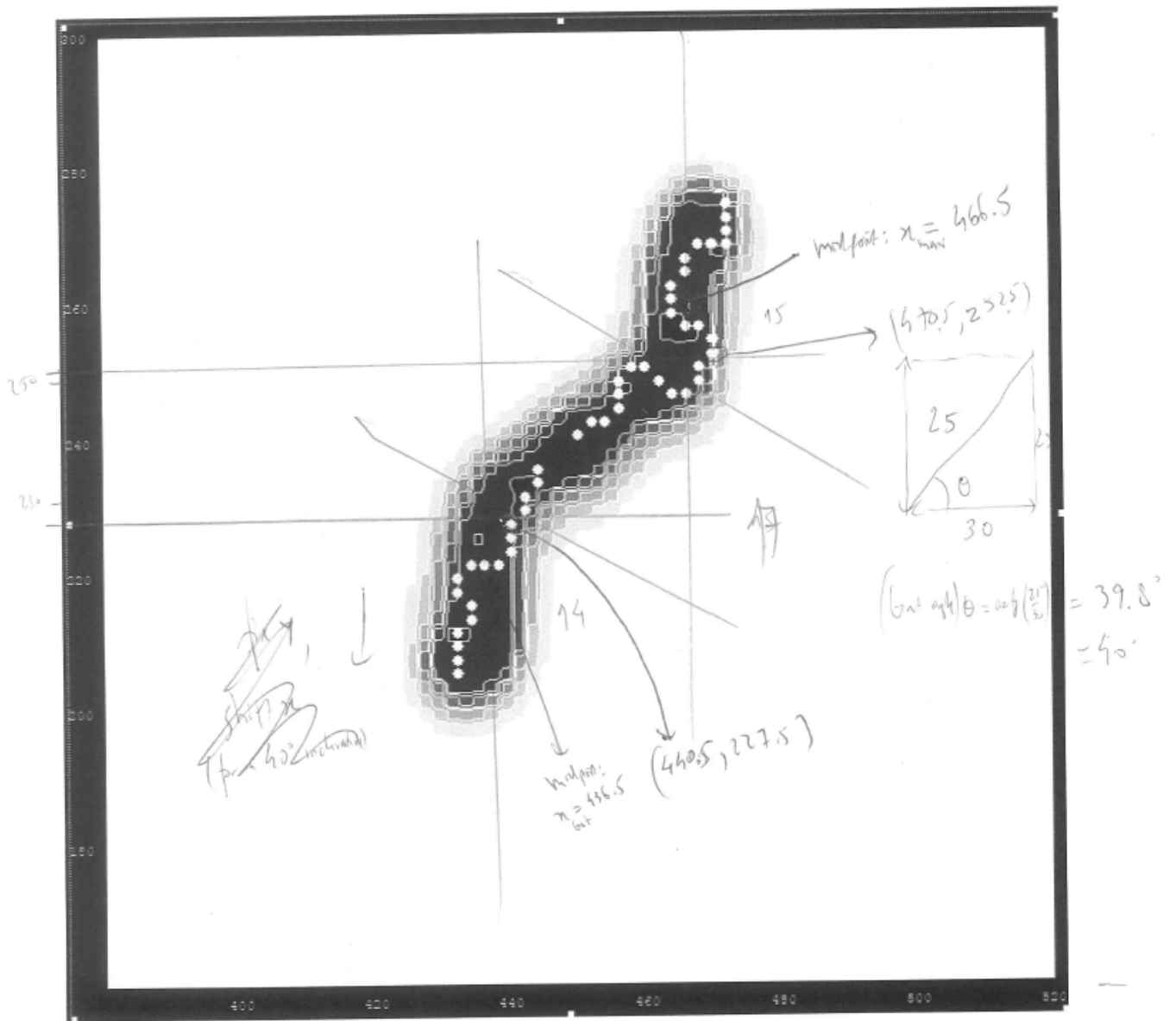
Trail + Contour 1x1



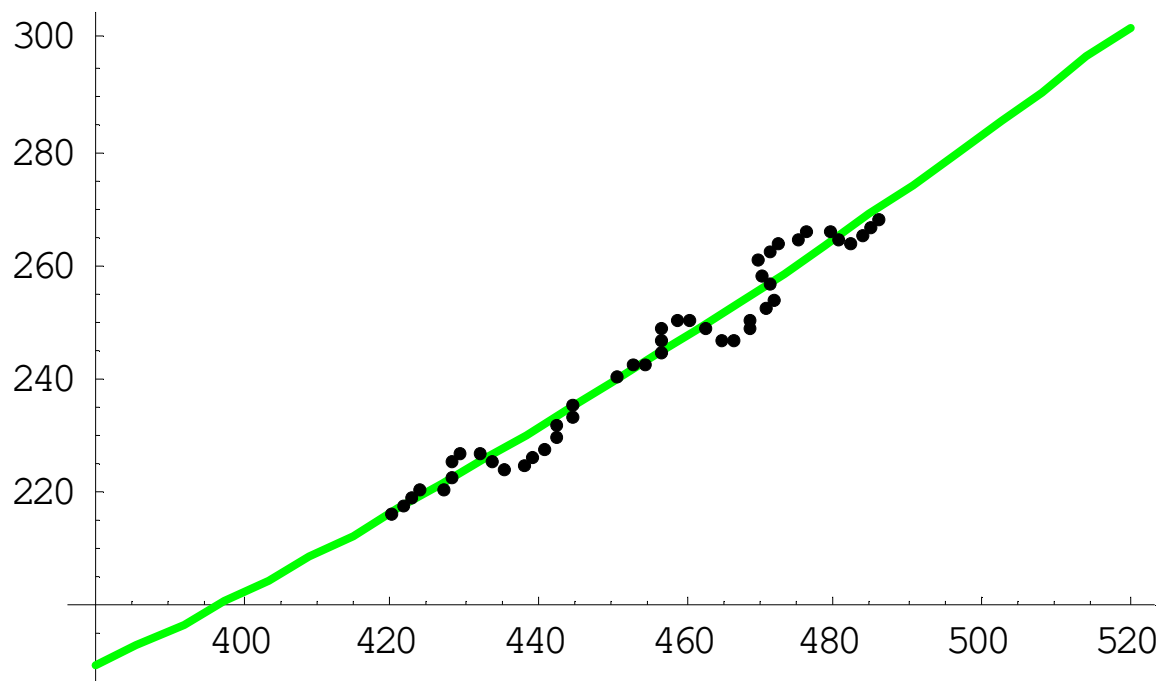
Trail + Contour 2x2



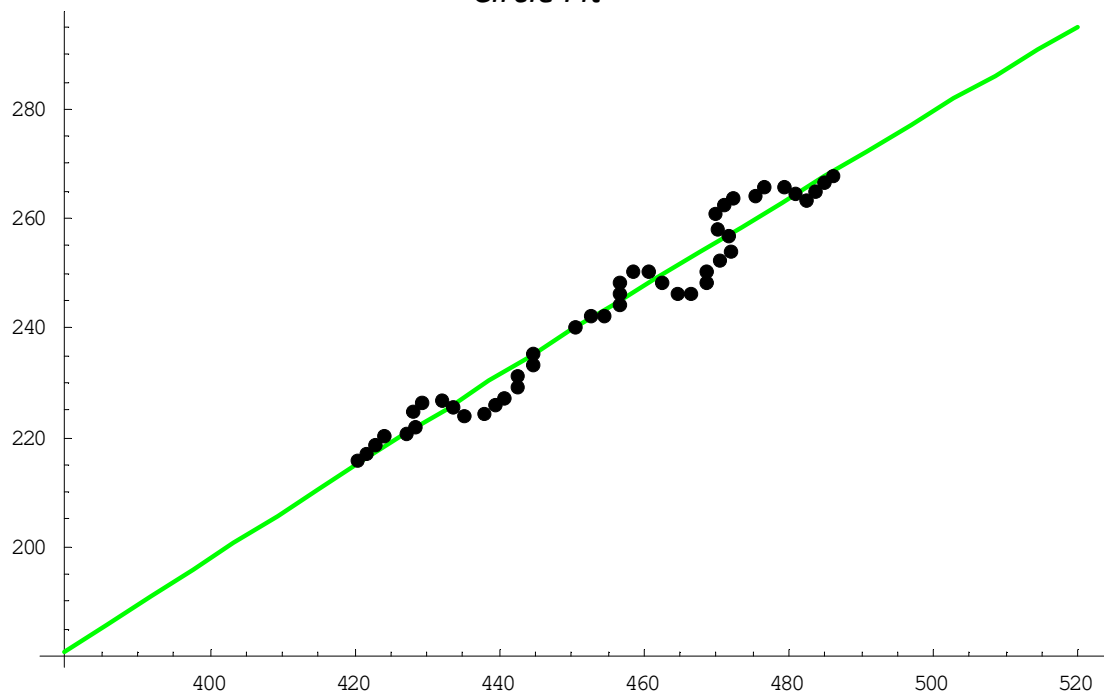
Unbending



Parabole Fit



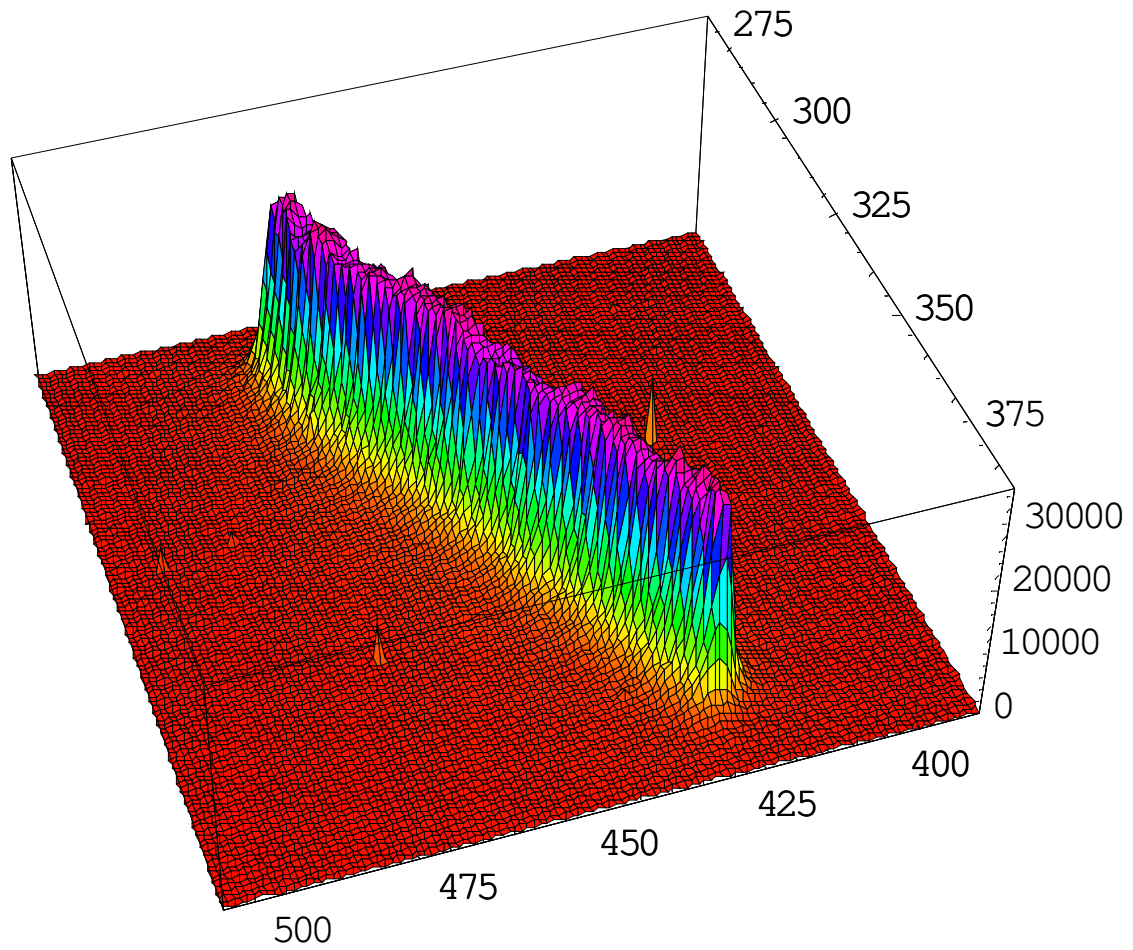
Circle Fit '+'



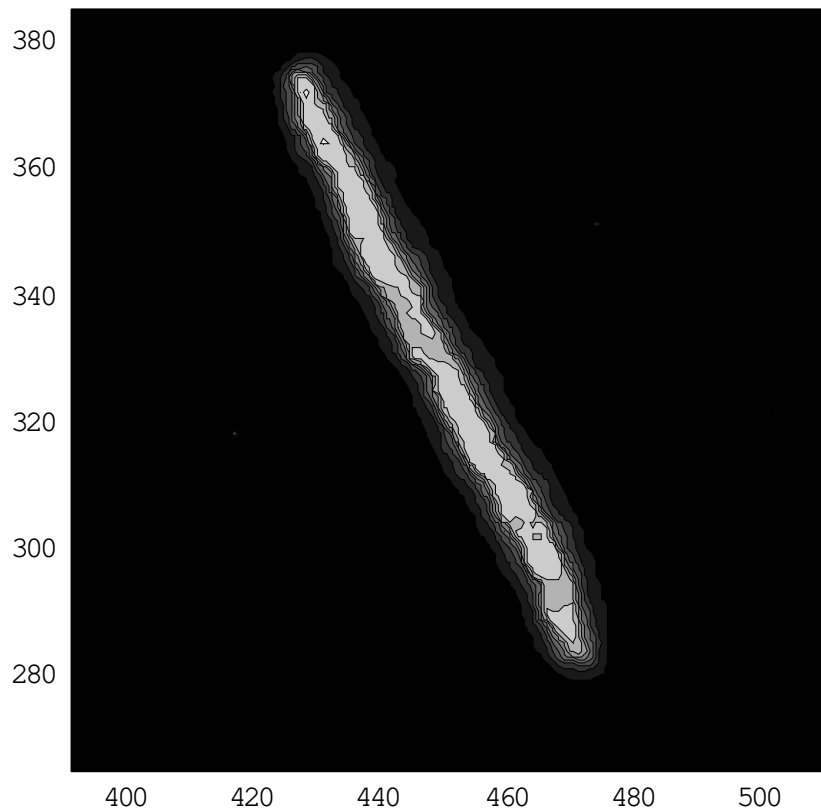
04-07-2008

A2 - ACHADA GRANDE

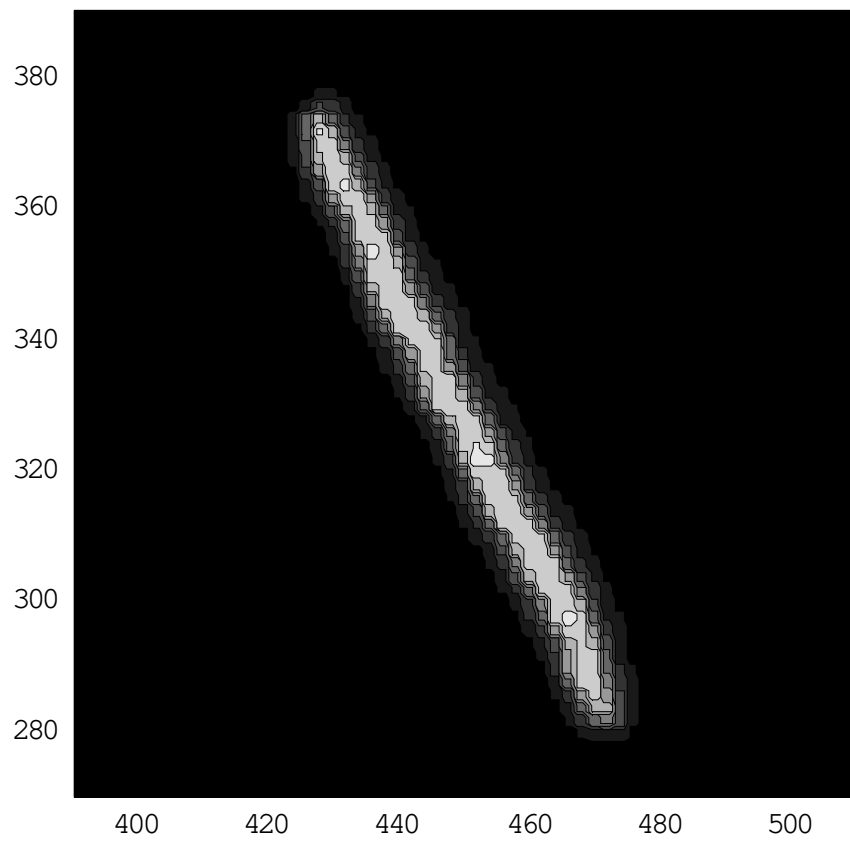
Trail 3D



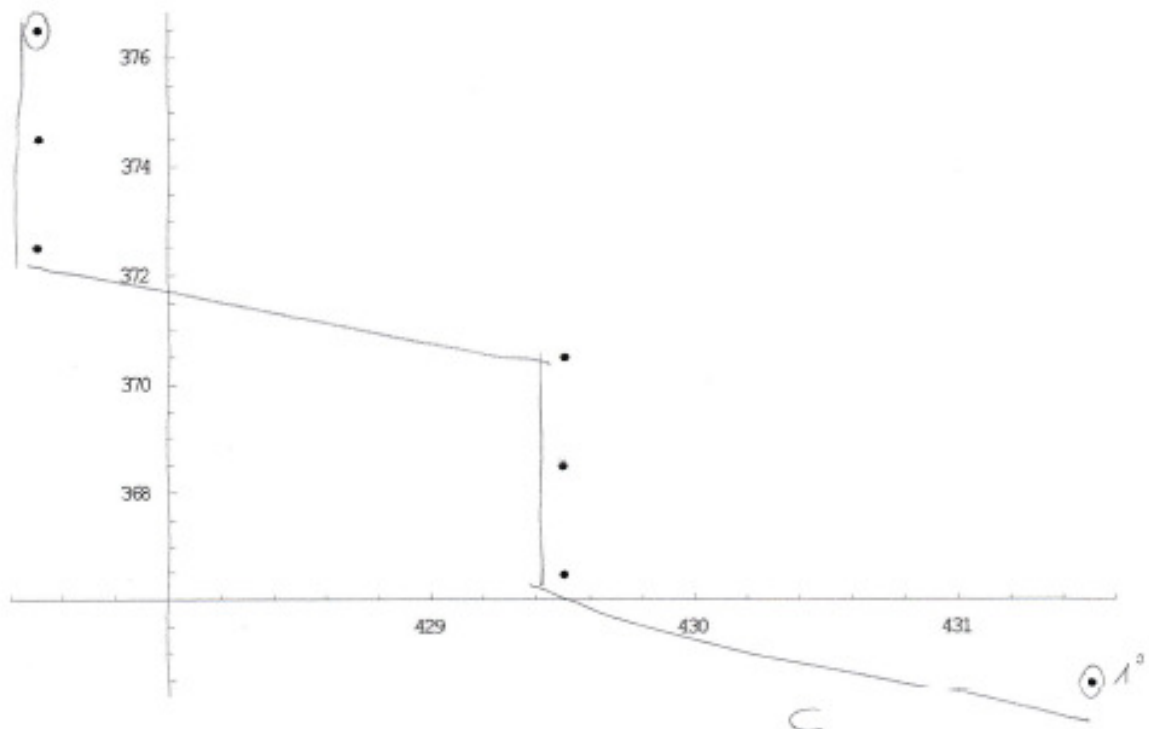
Contour 1x1

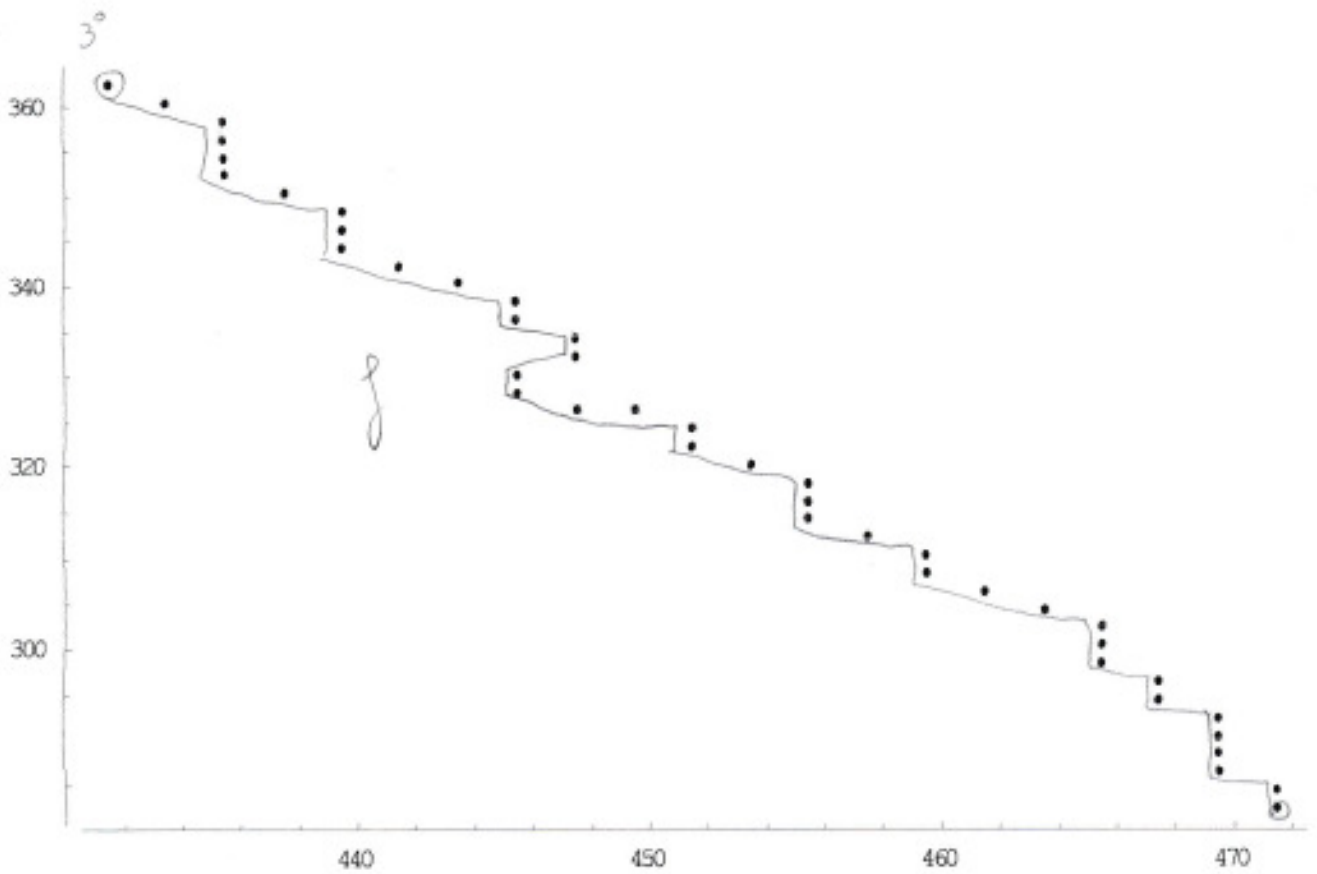


Contour 2x2

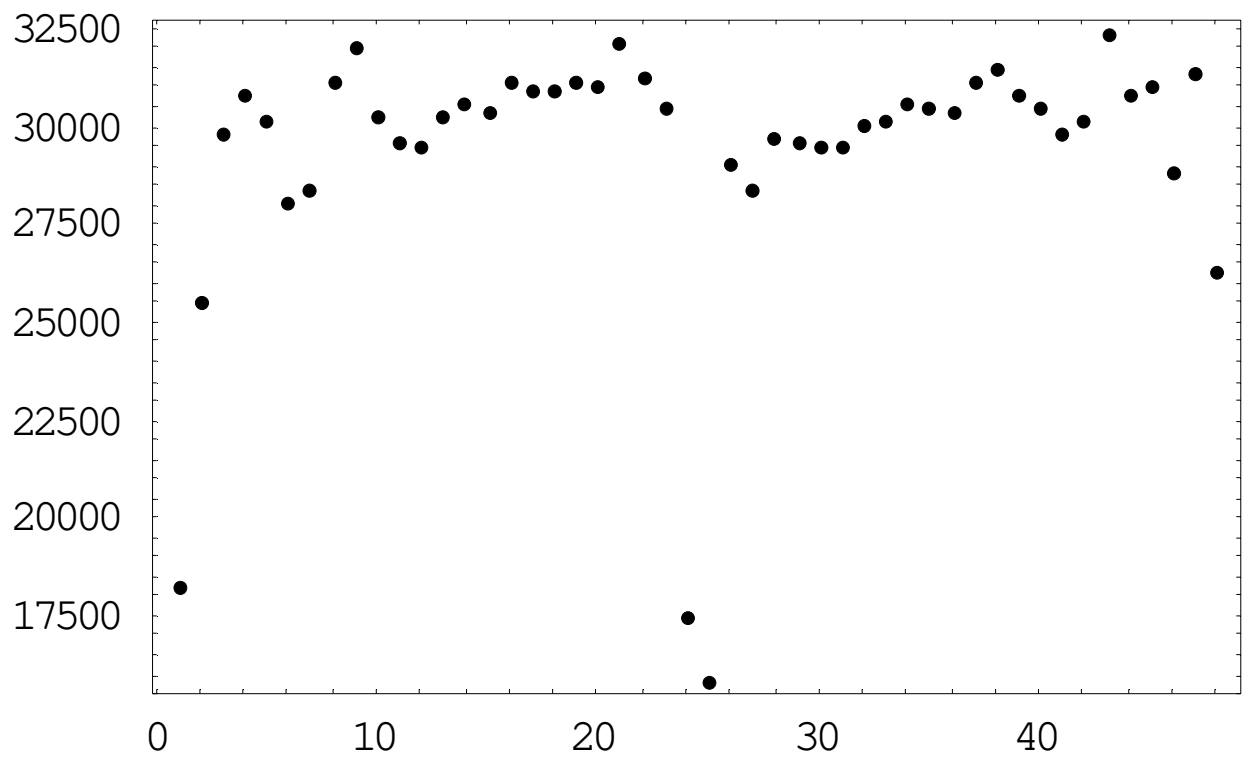


c+f vectors

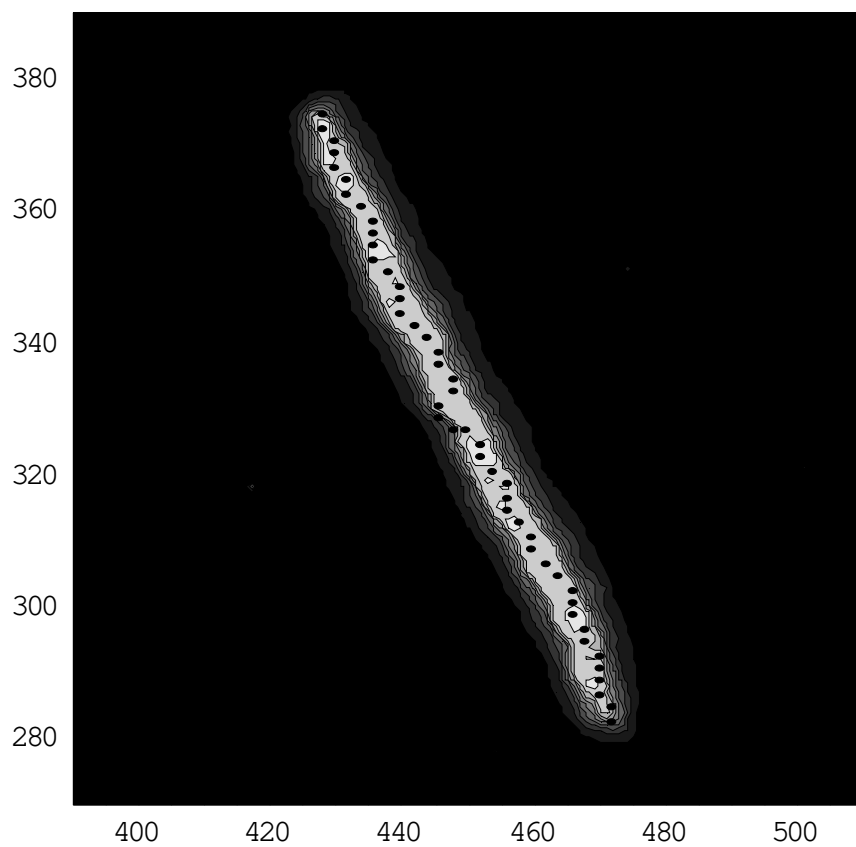




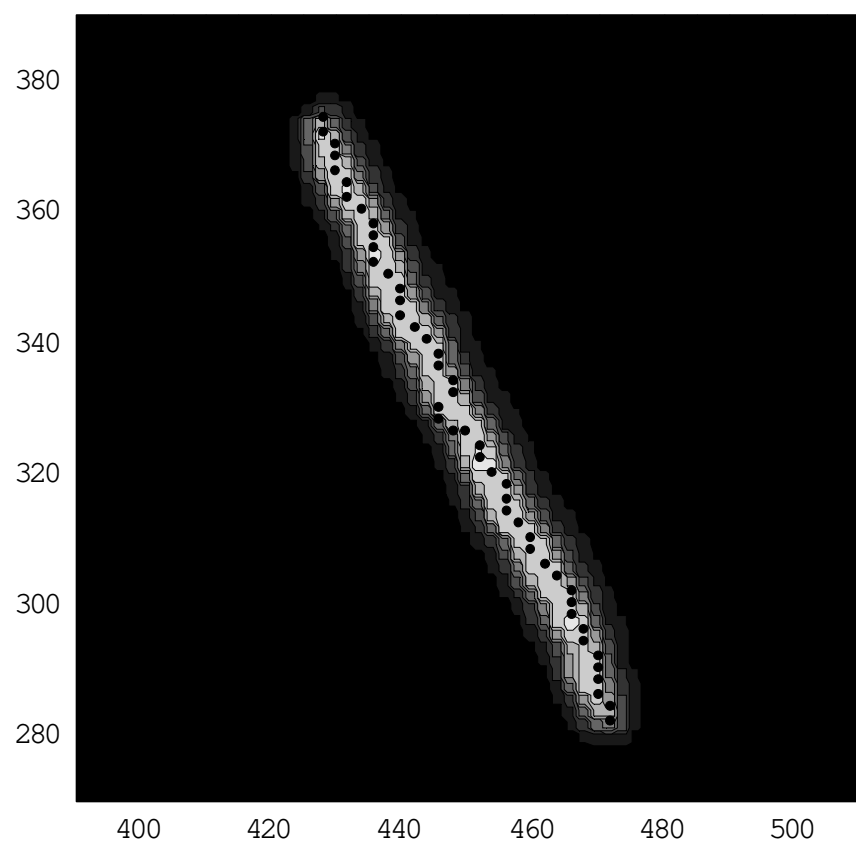
Trail (ADU profile)



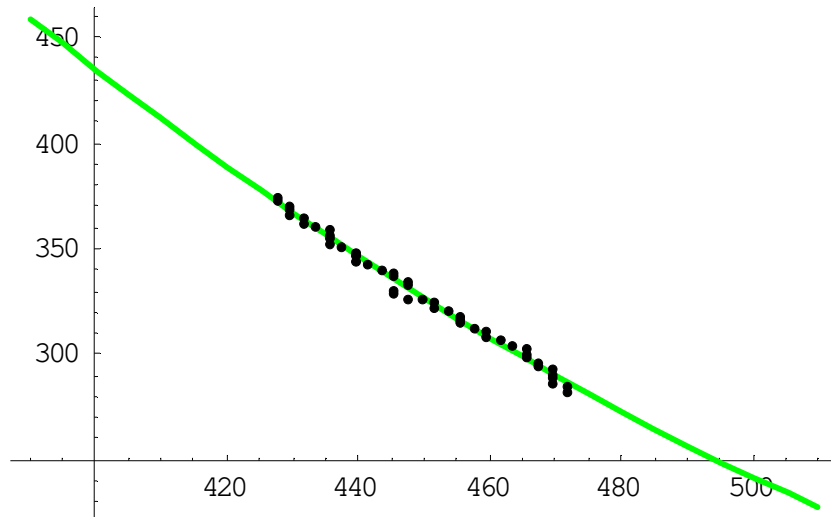
Trail + Contour 1x1



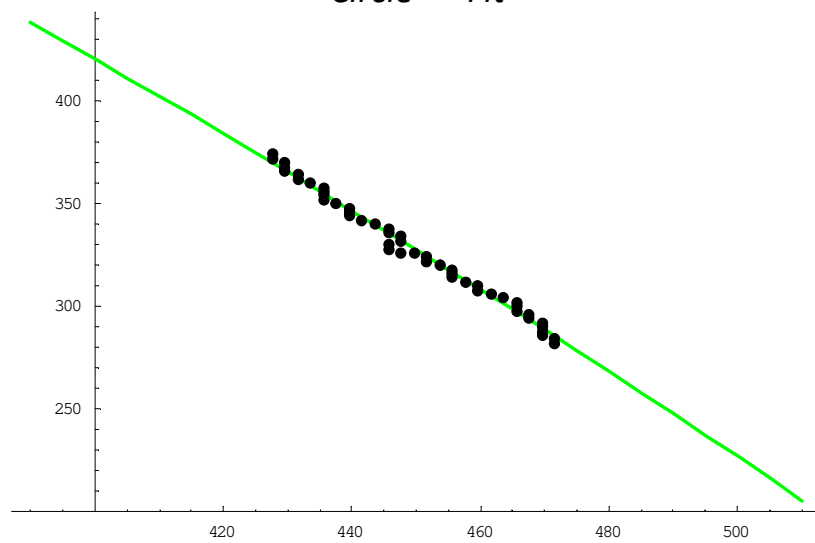
Trail + Contour 2x2



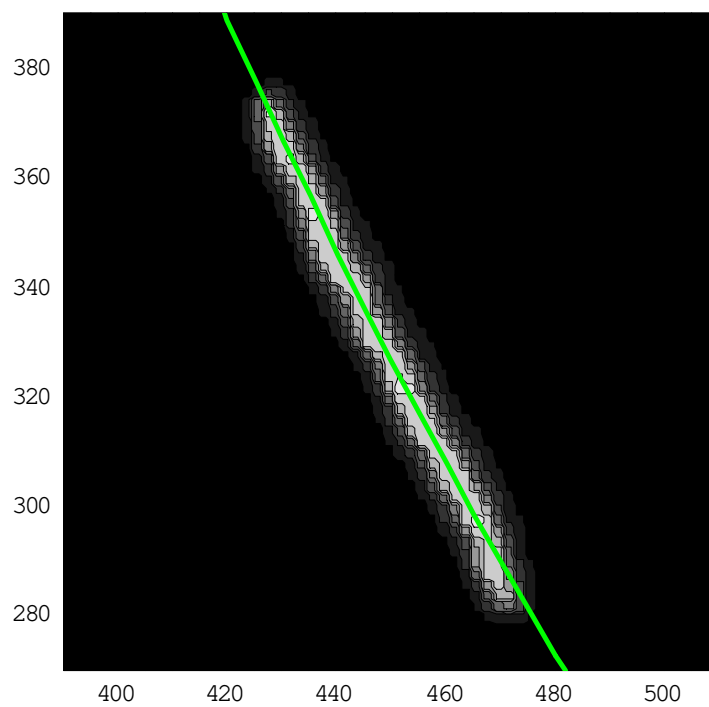
Parabole Fit



Circle '+' Fit



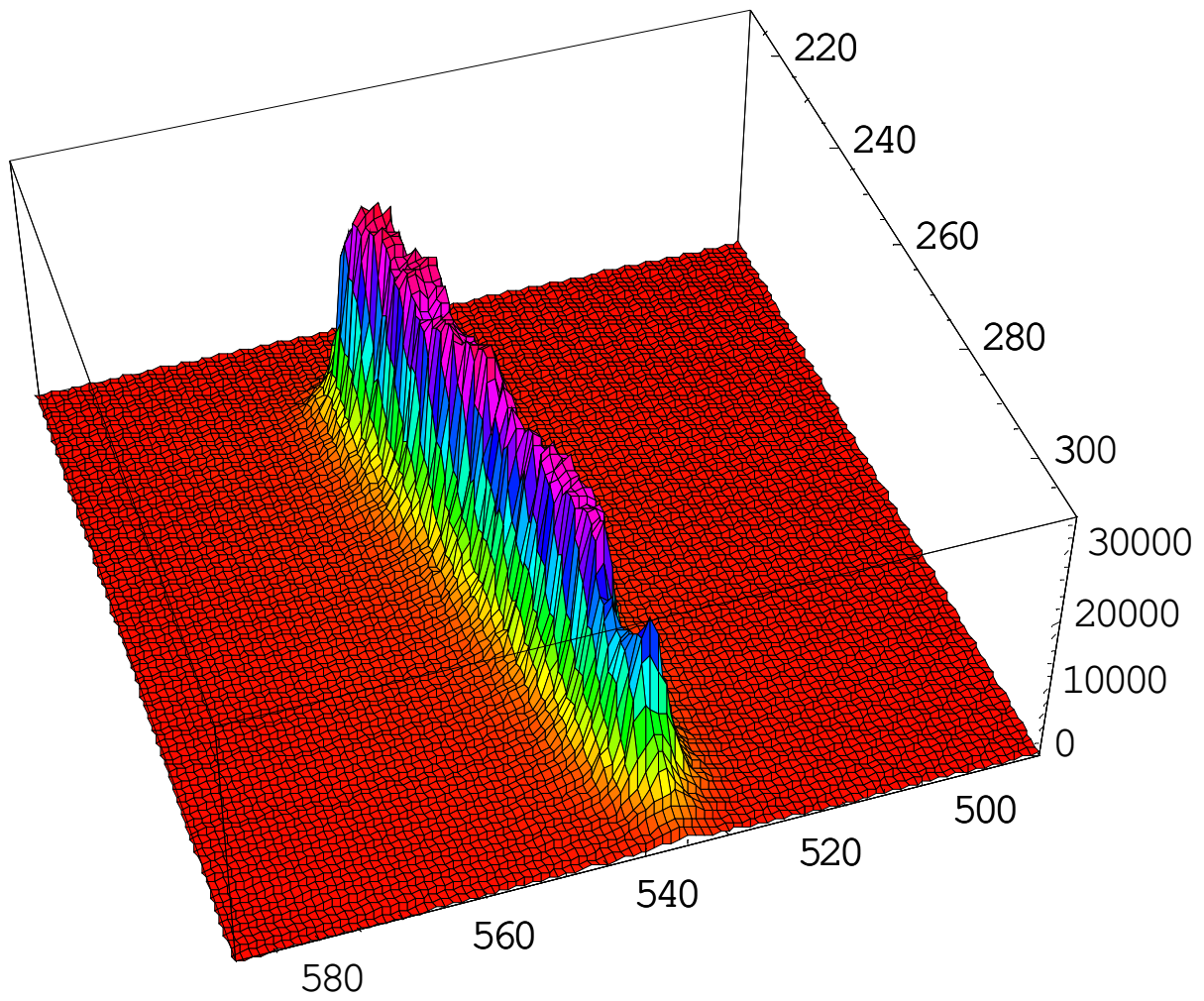
Circle '+' Fit on path



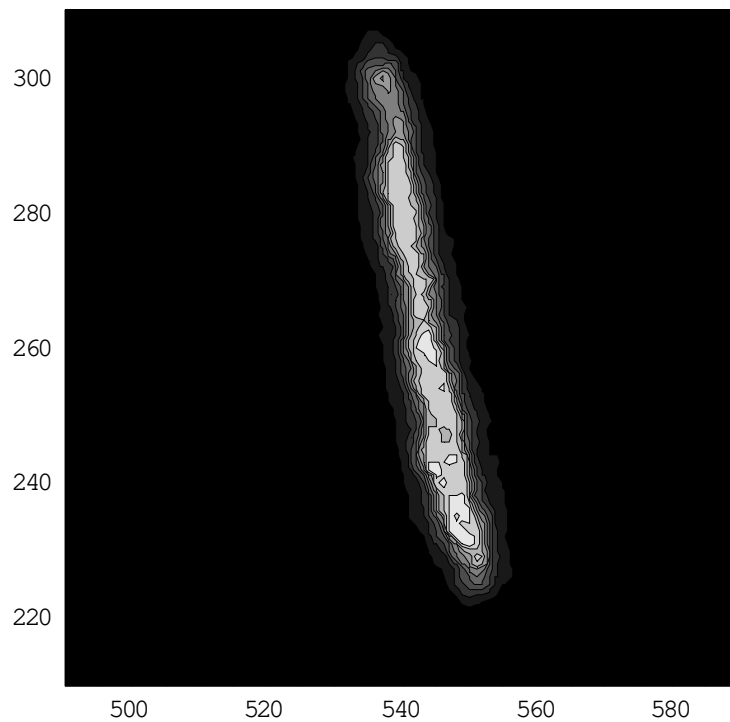
05-07-2008

B1 - ACHADA DO TEIXEIRA

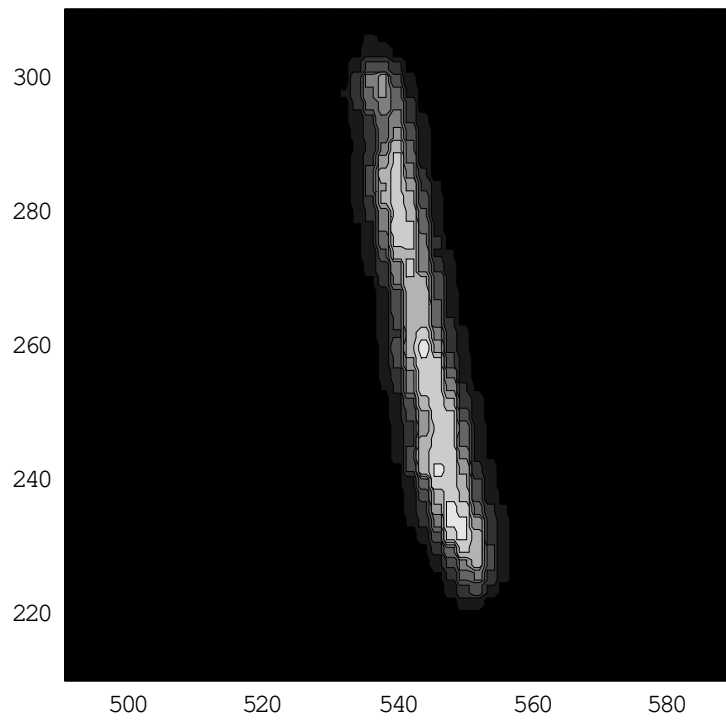
Trail 3D



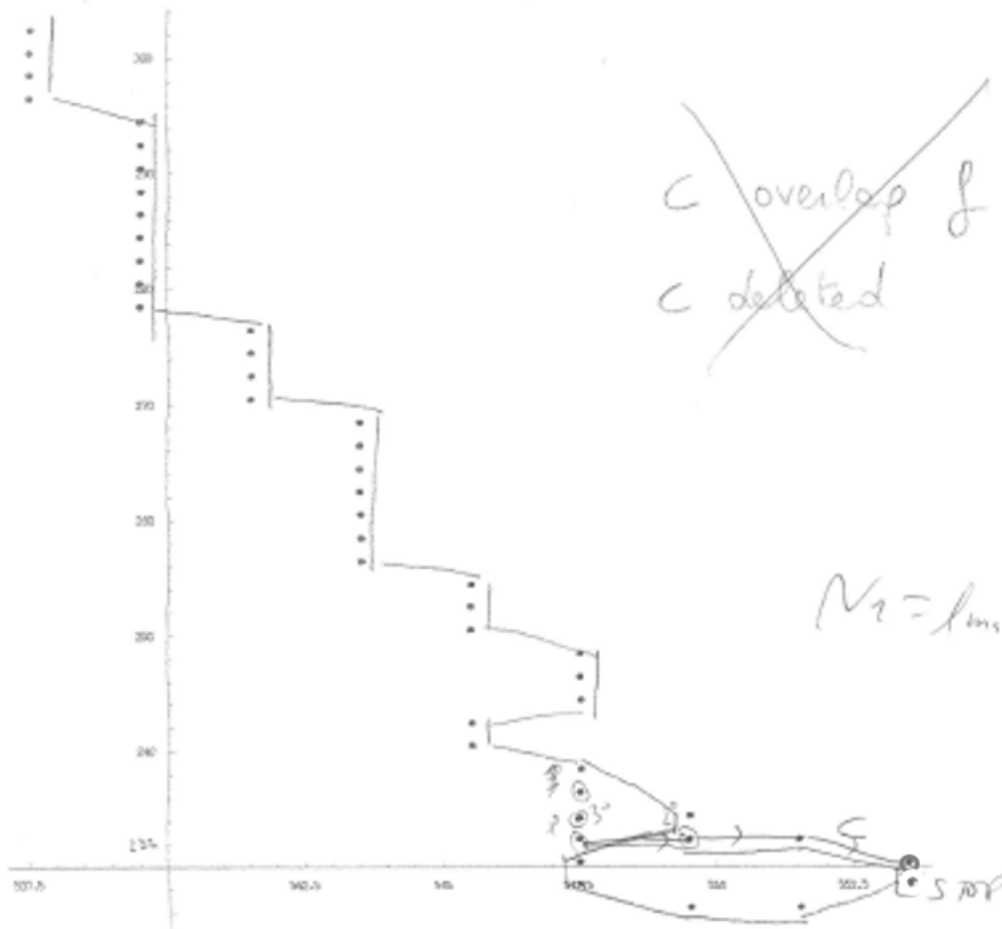
Contour 1x1

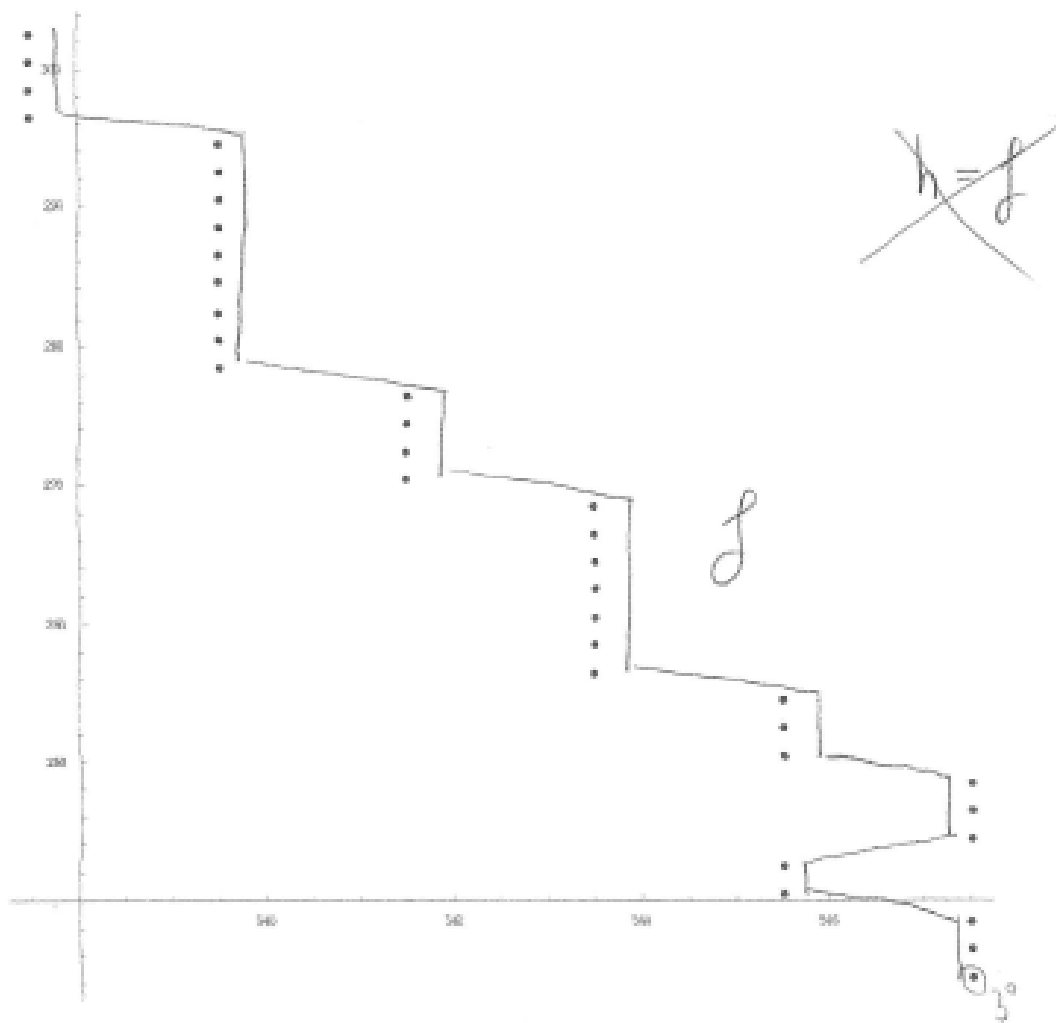


Contour 2x2

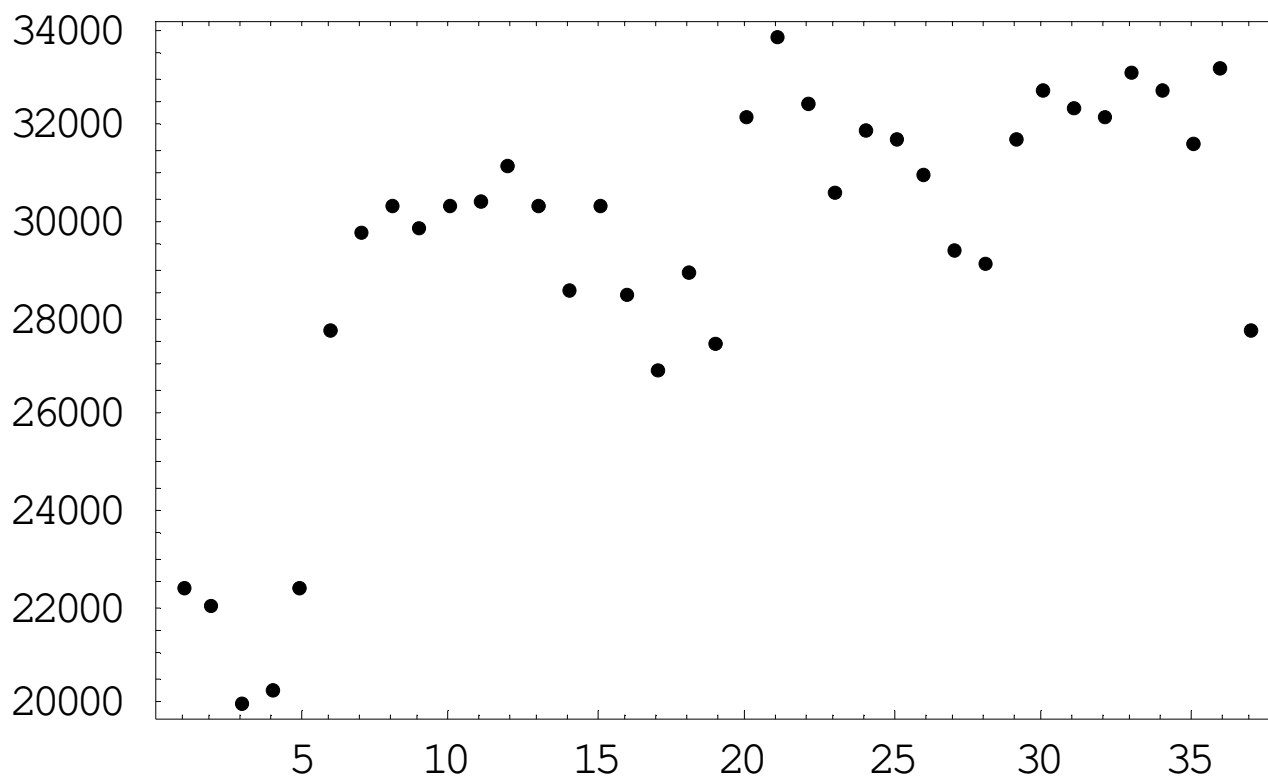


c+f vectors

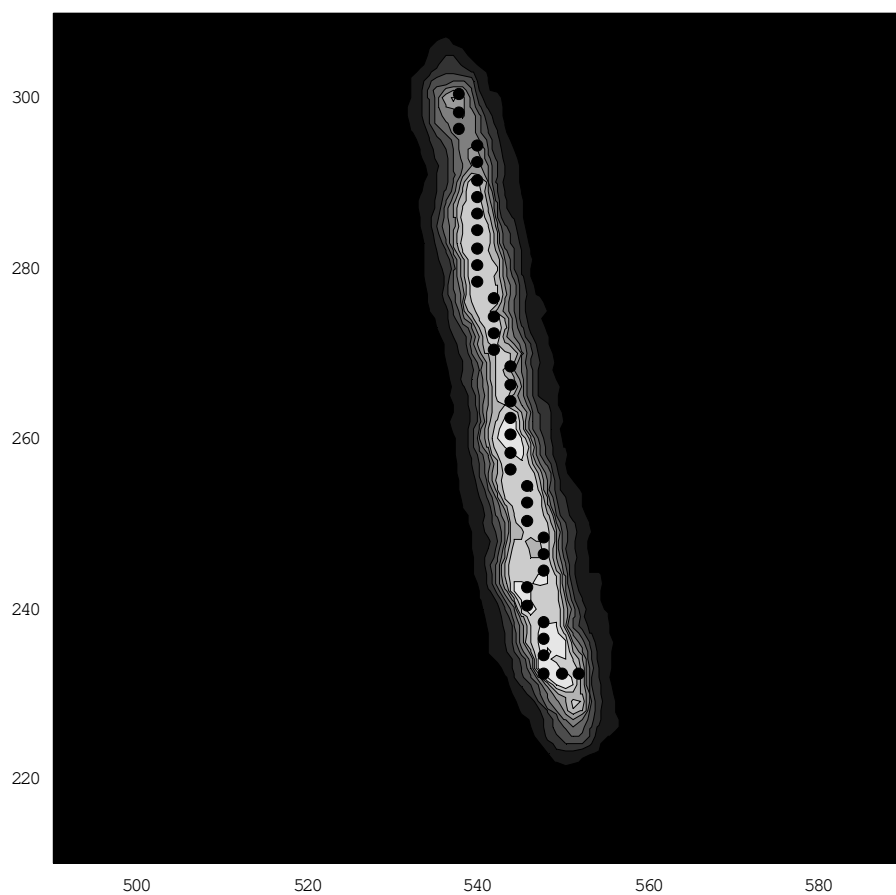




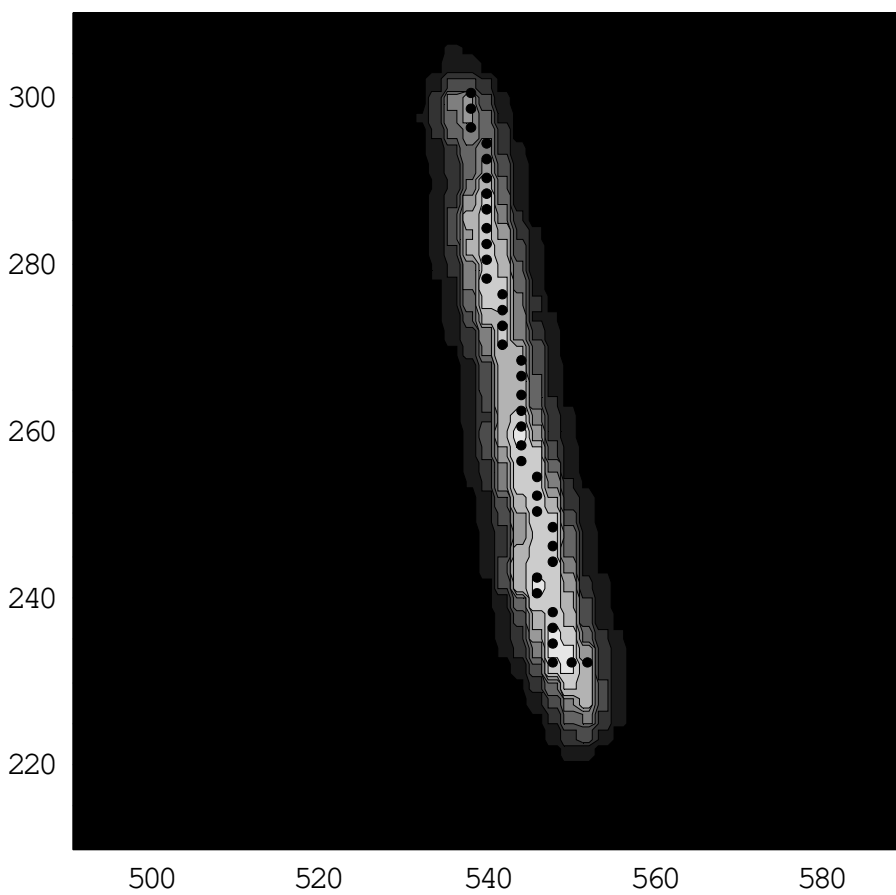
Trail (ADU profile)



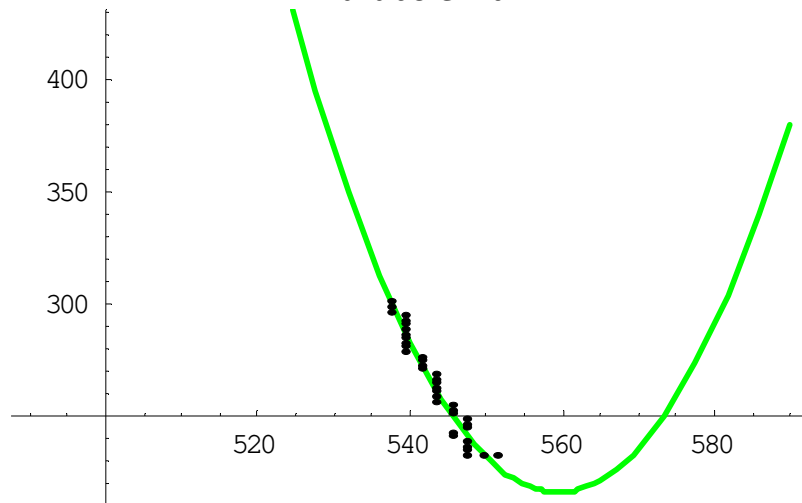
Trail + Contour 1x1



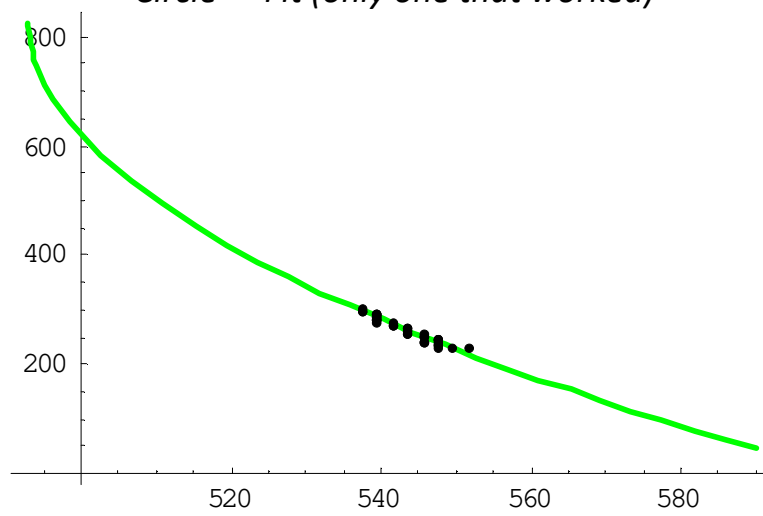
Trail + Contour 2x2



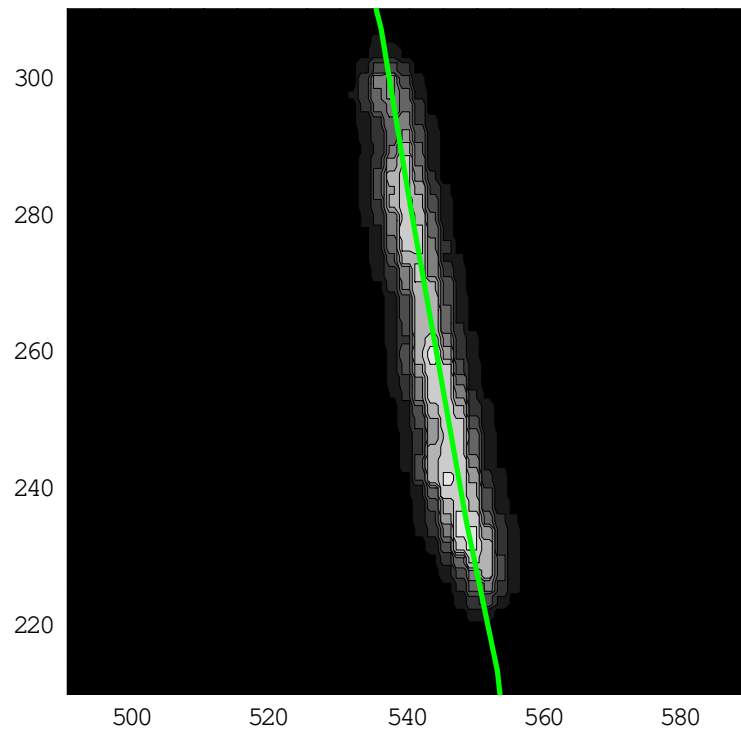
Parabole Fit



Circle '-' Fit (only one that worked)



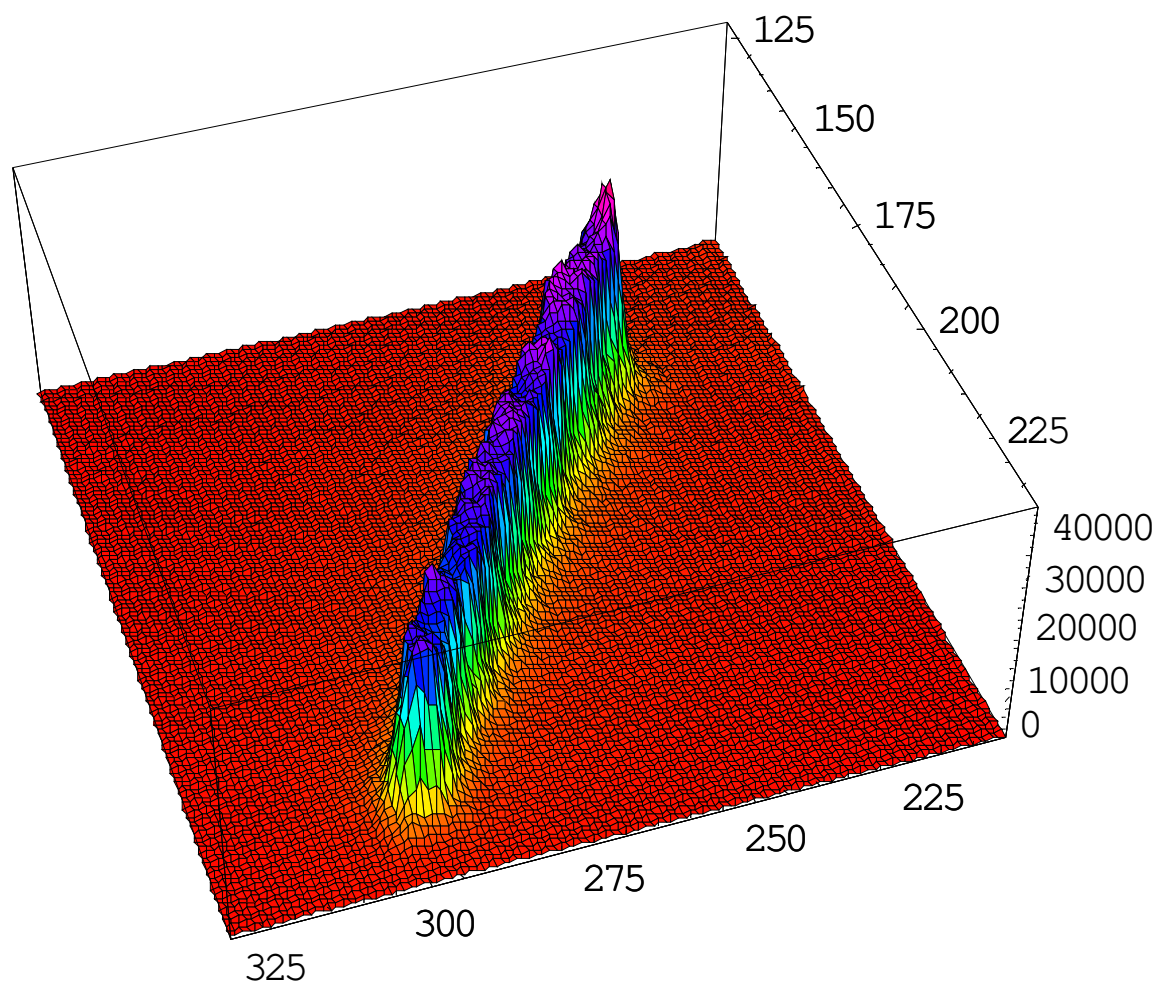
Circle '-' Fit on path (the only that worked)



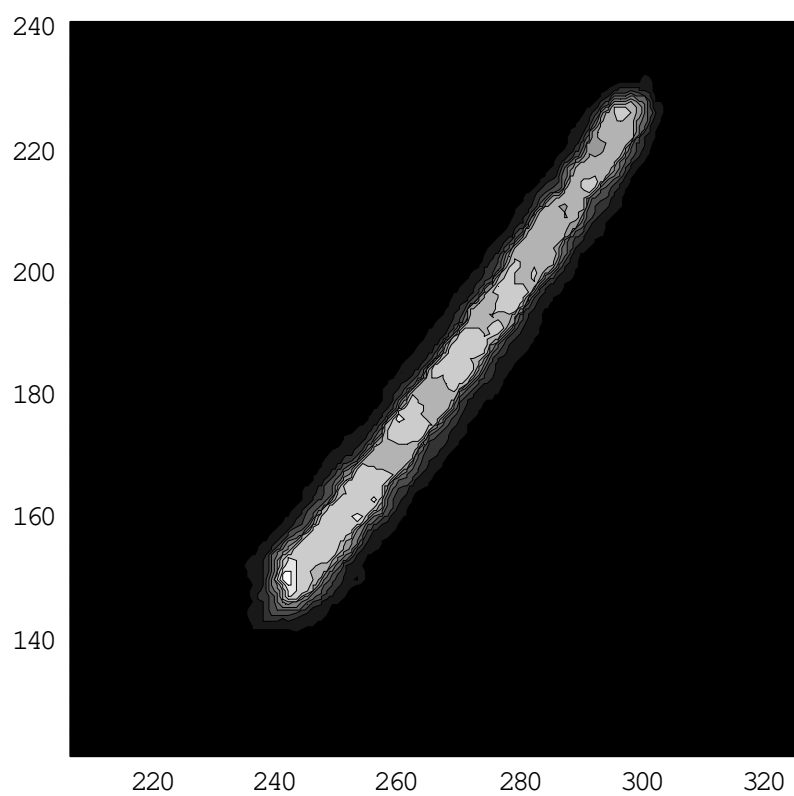
05-07-2008

B2 - ENCUMEADA ALTA

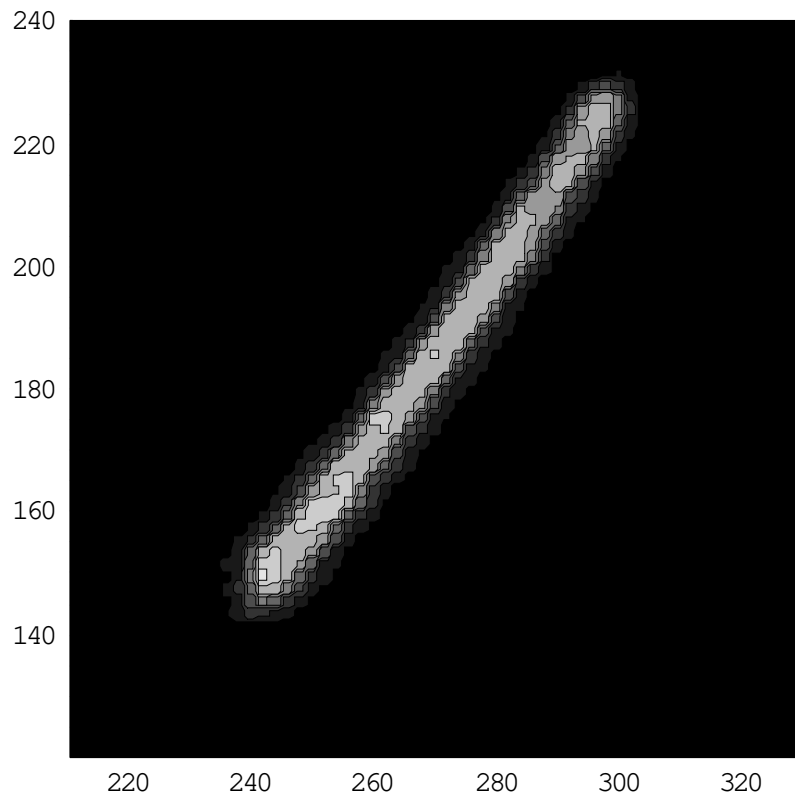
Trail 3D



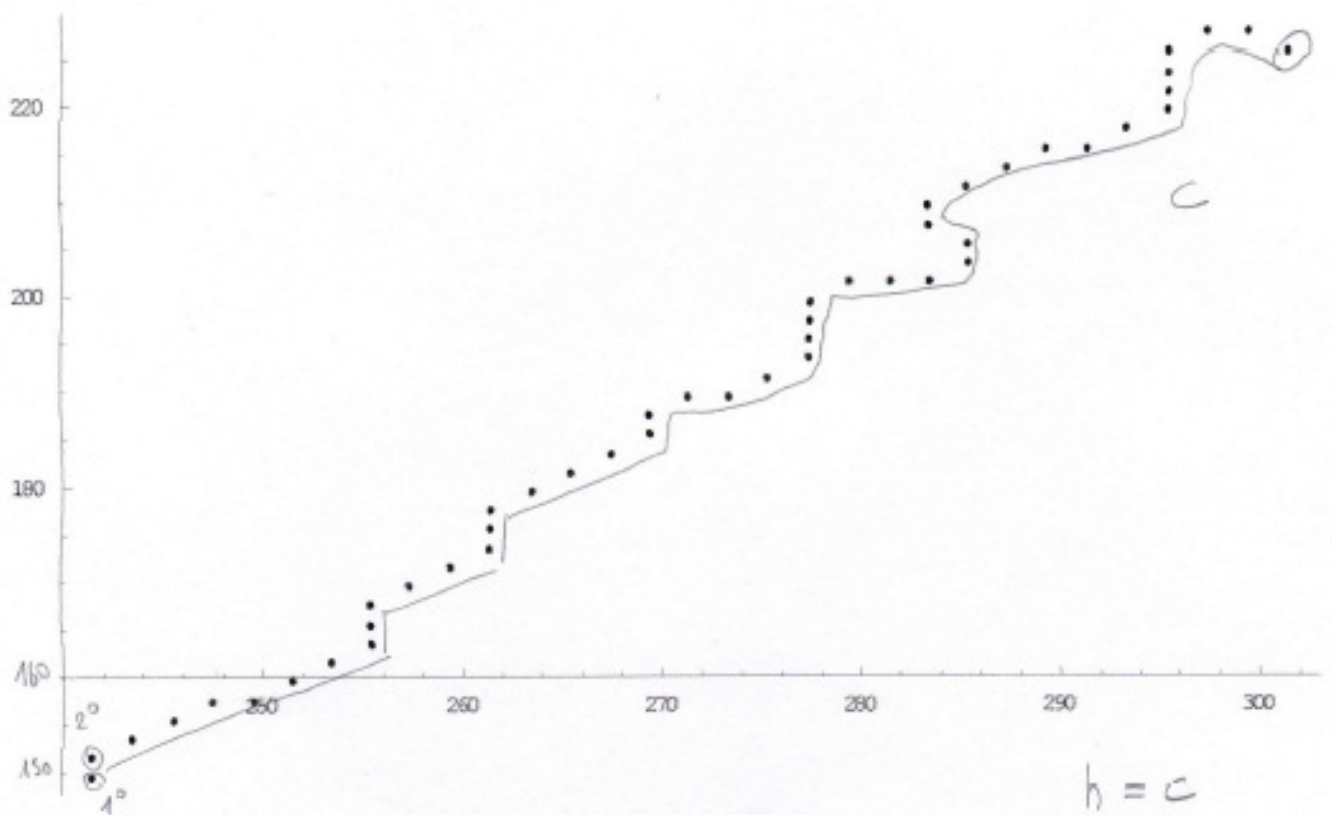
Contour 1x1

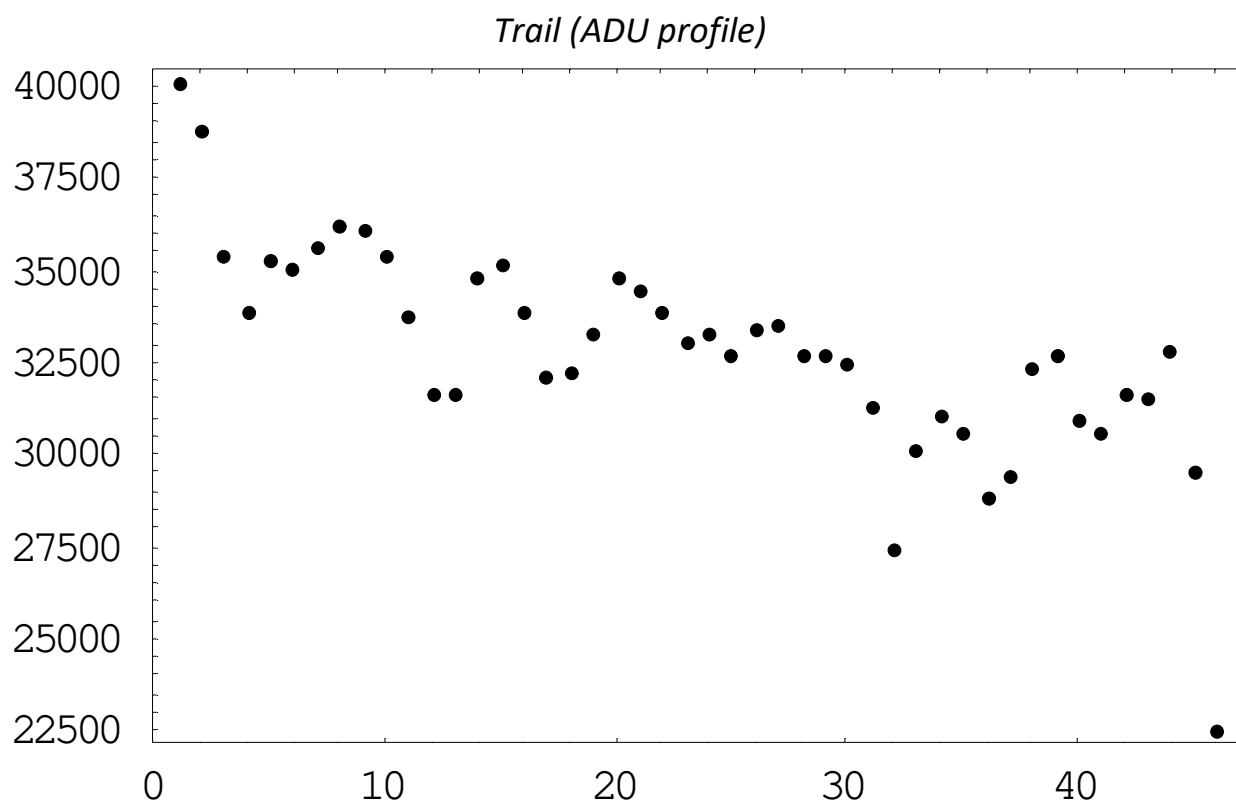
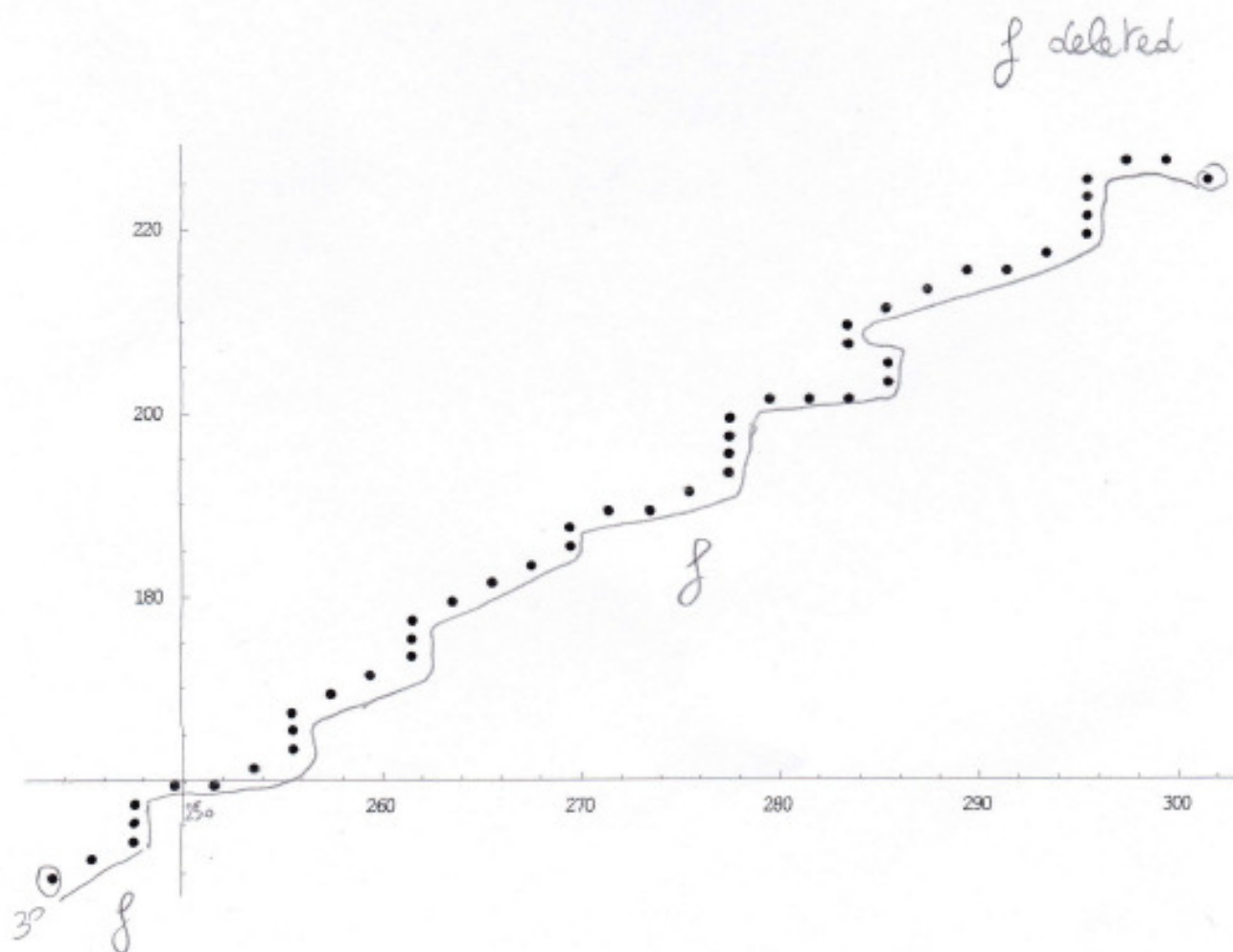


Contour 2x2

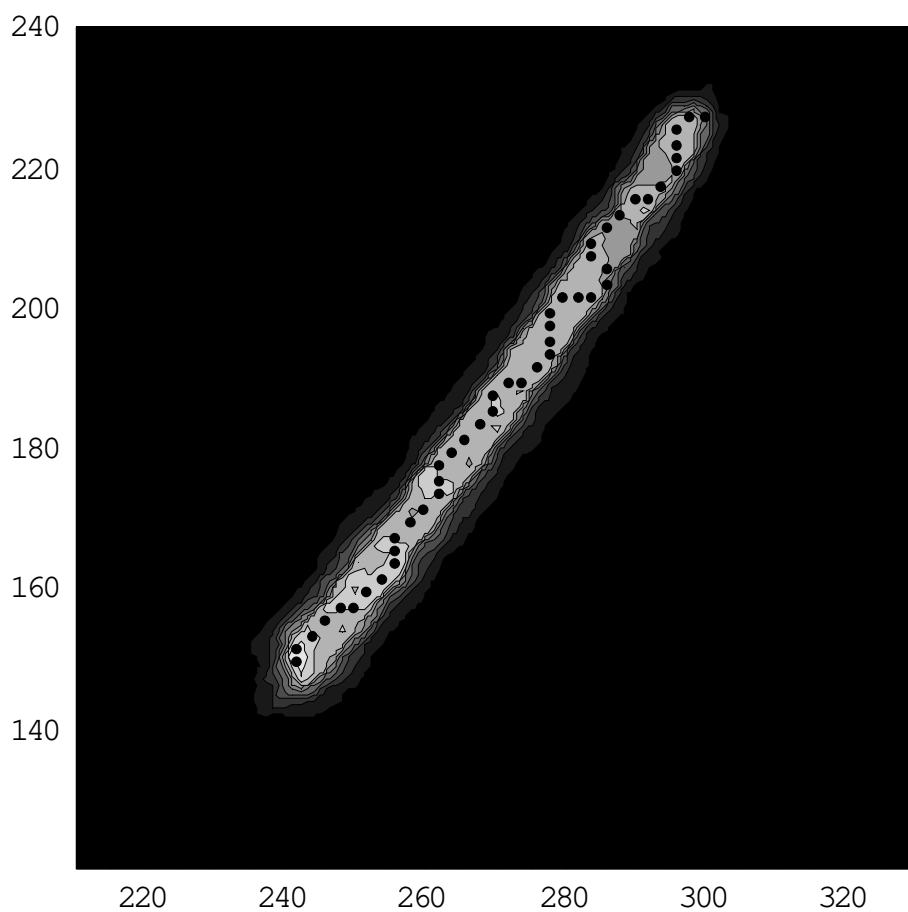


$c+f$ vectors

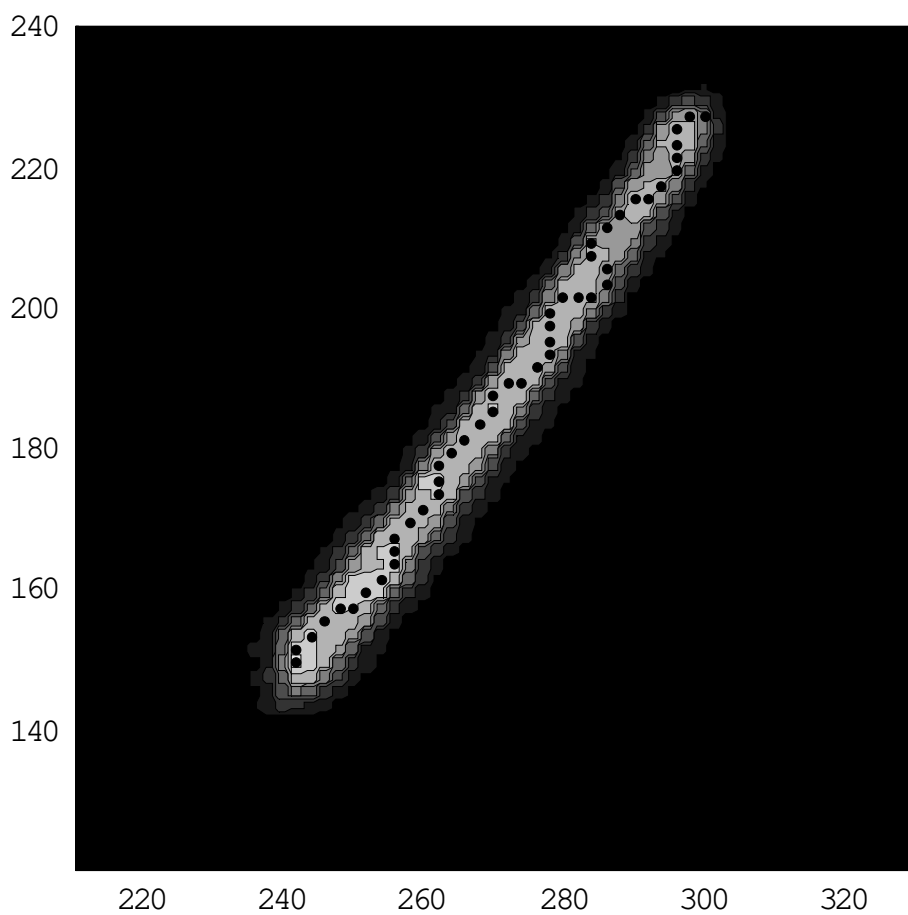




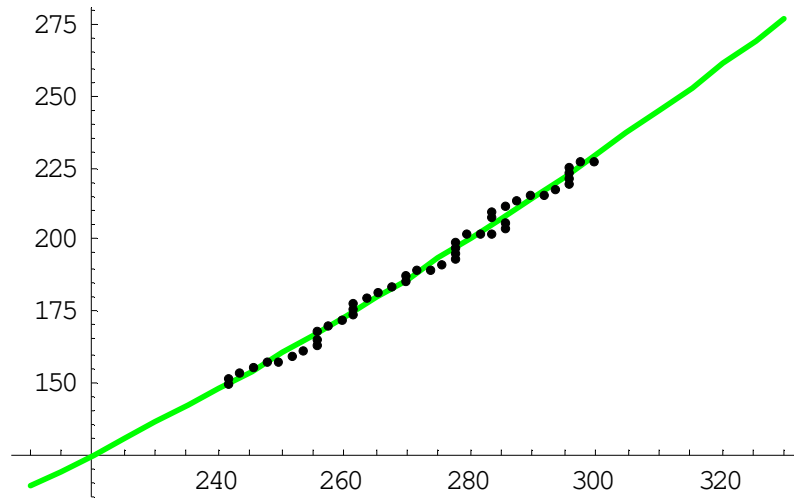
Trail + Contour 1x1



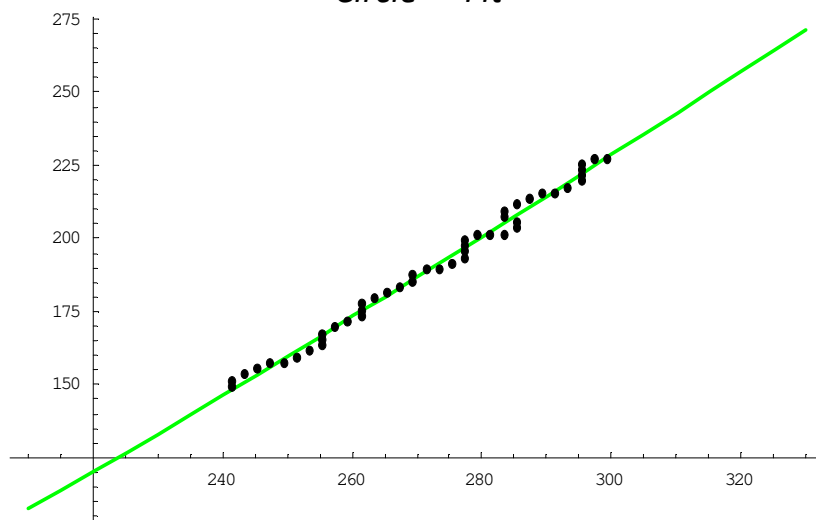
Trail + Contour 2x2



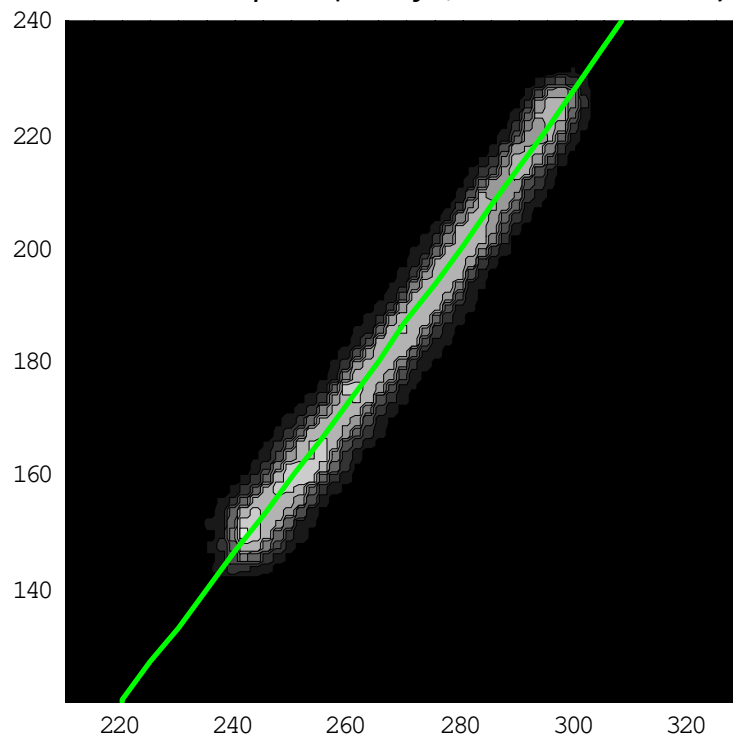
Parabole Fit



Circle '-' Fit



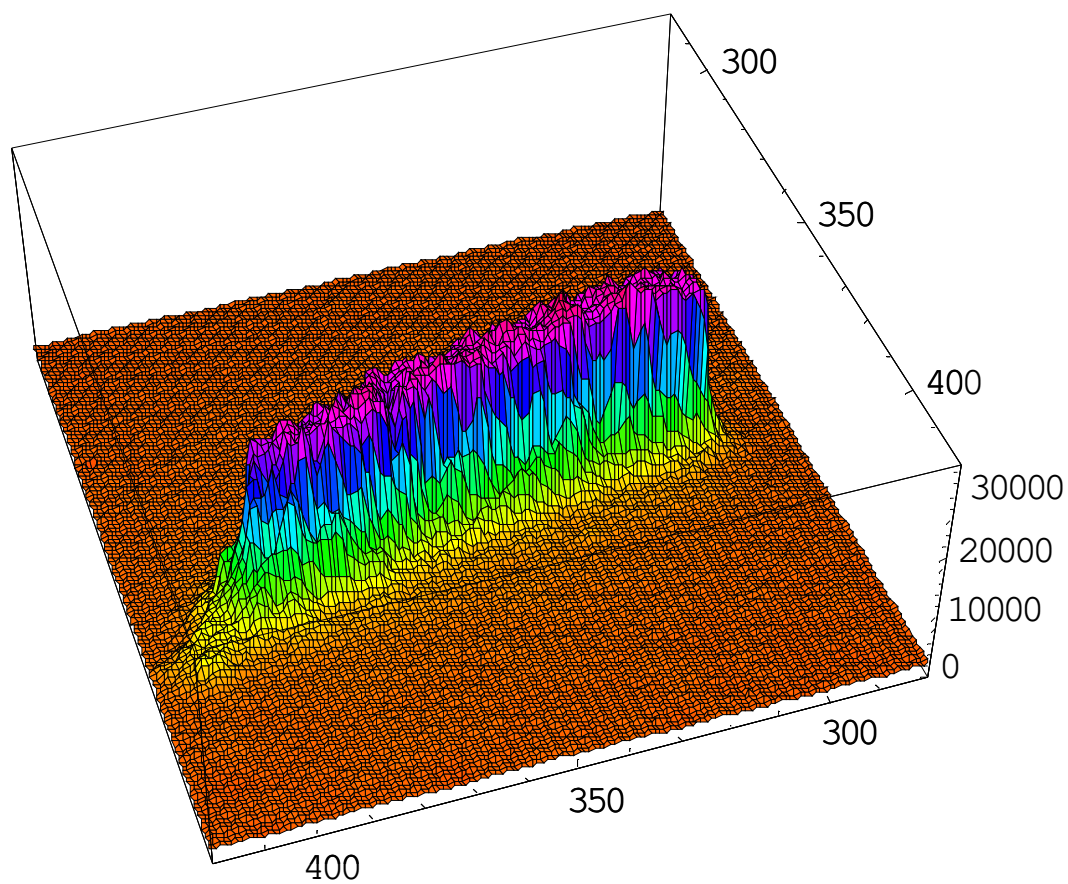
Circle '-' Fit on path (best fit, also in curvature)



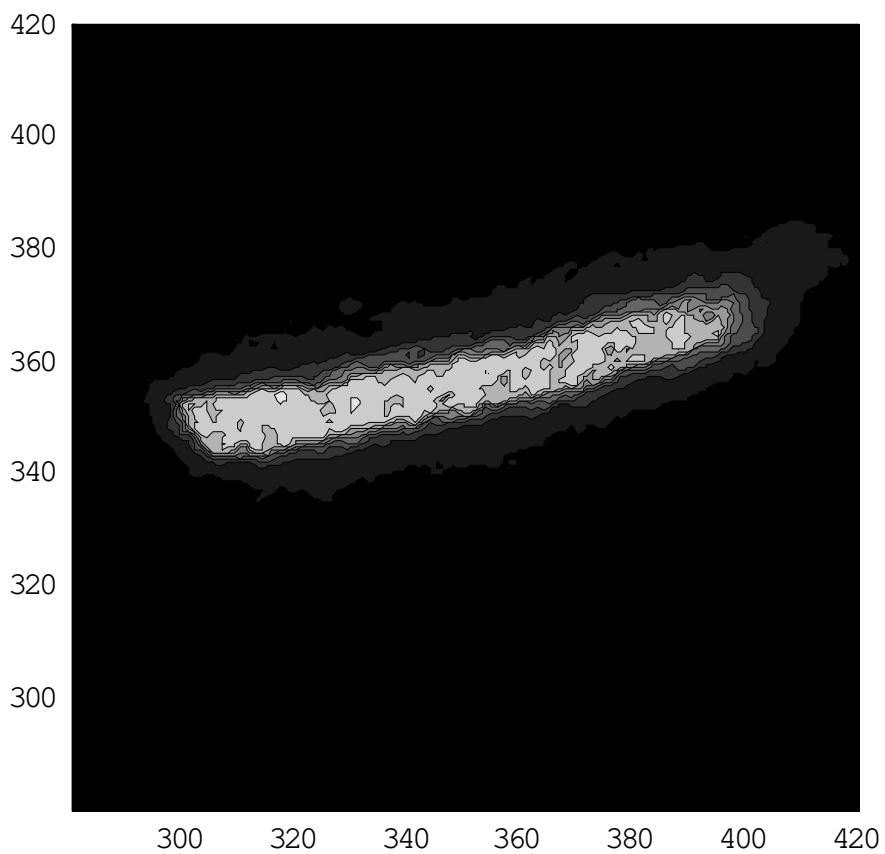
05-07-2008

B3 - PICO RUIVO DE SANTANA (with "lobe work")

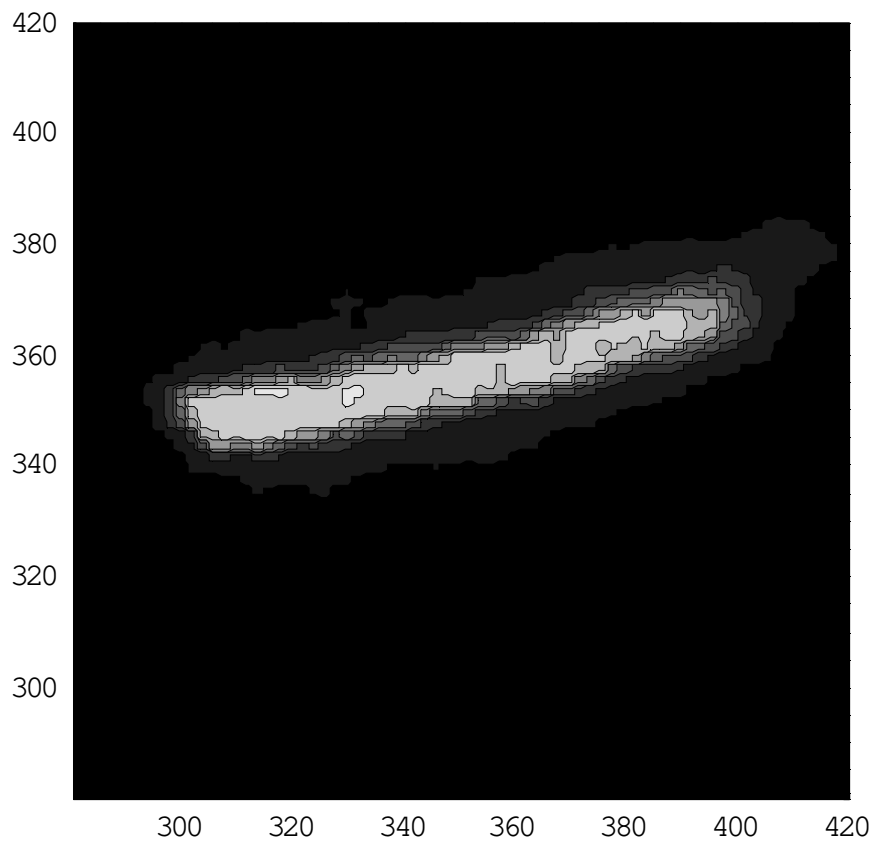
Trail 3D



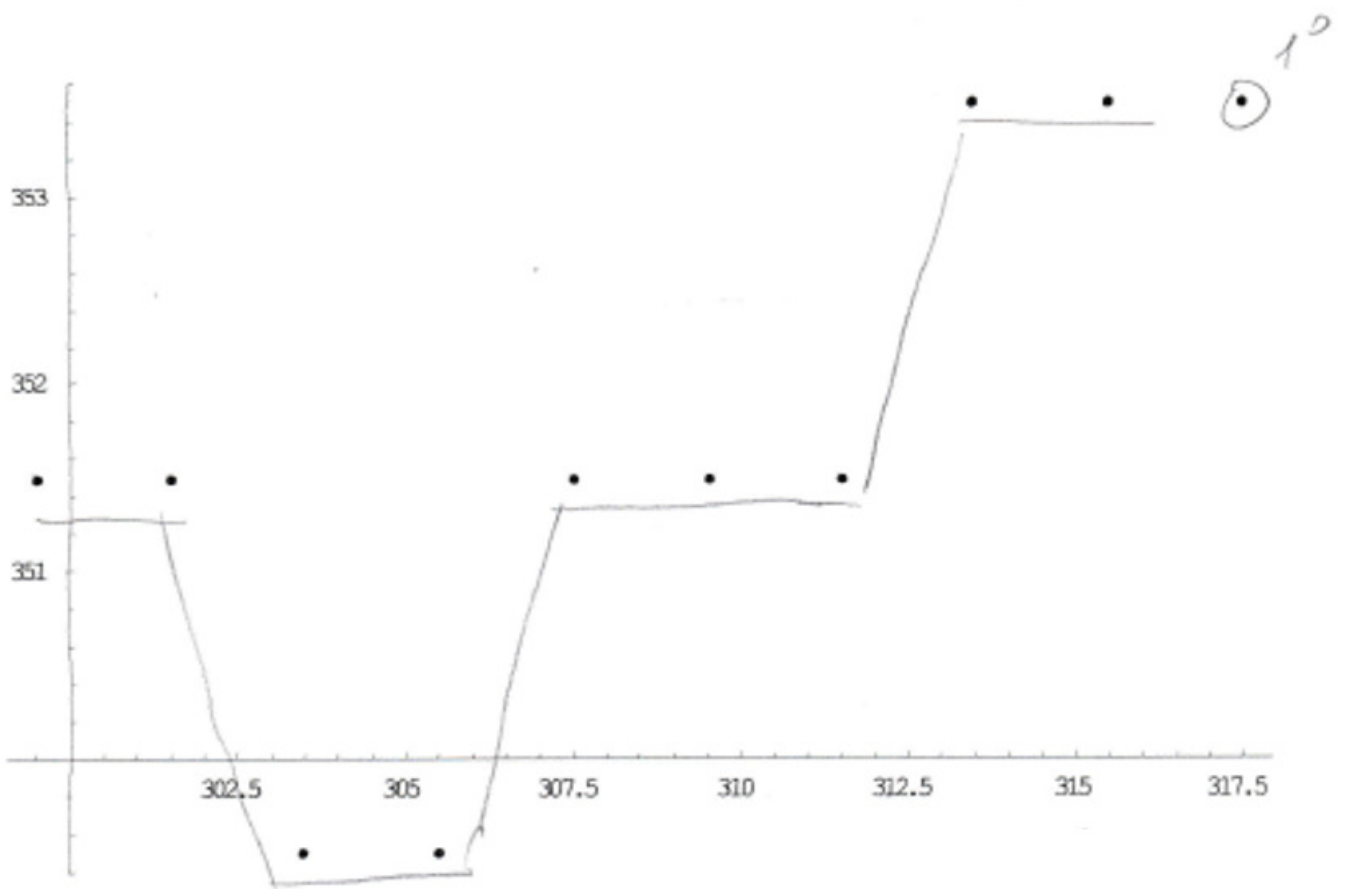
Contour 1x1

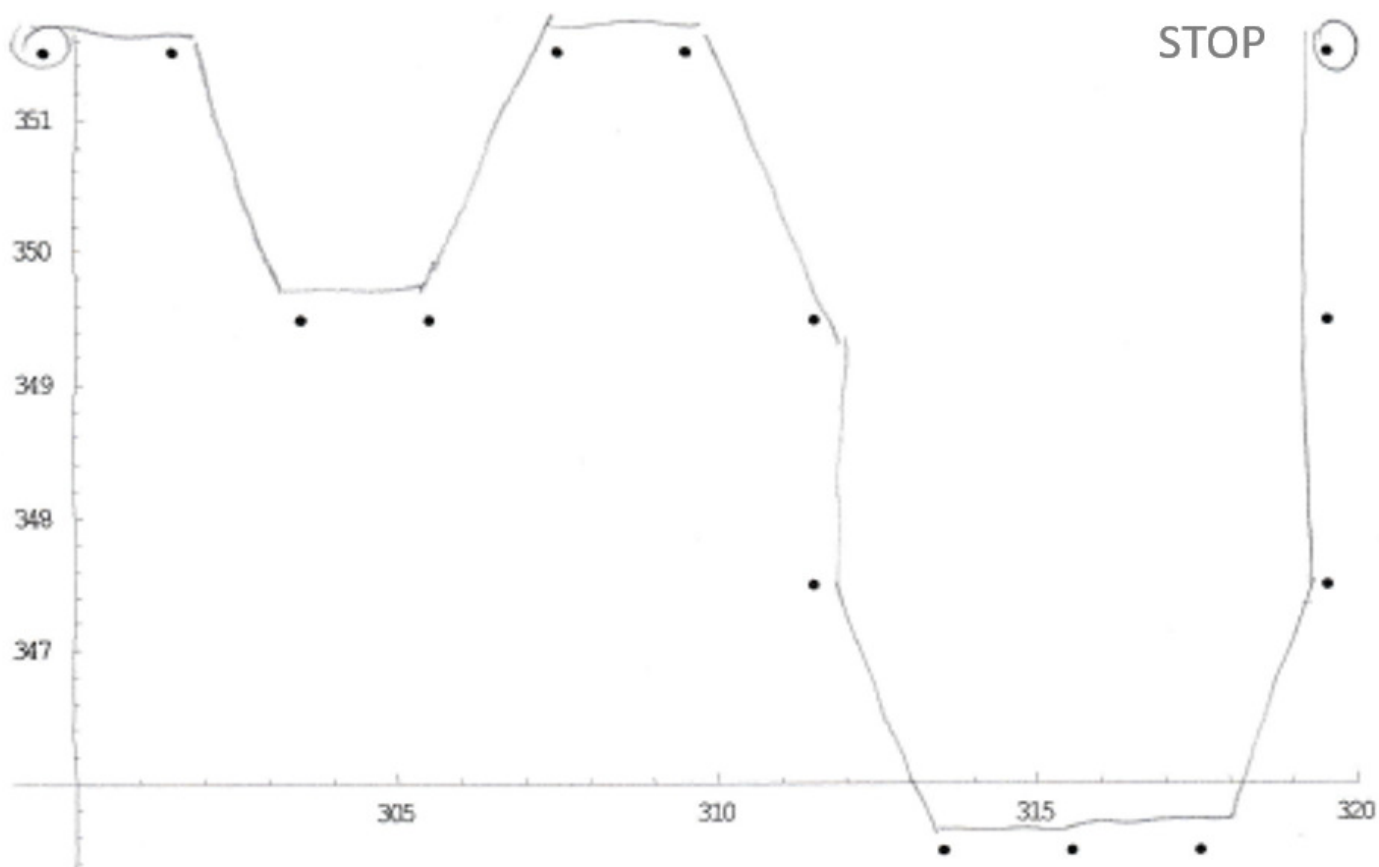


Contour 2x2

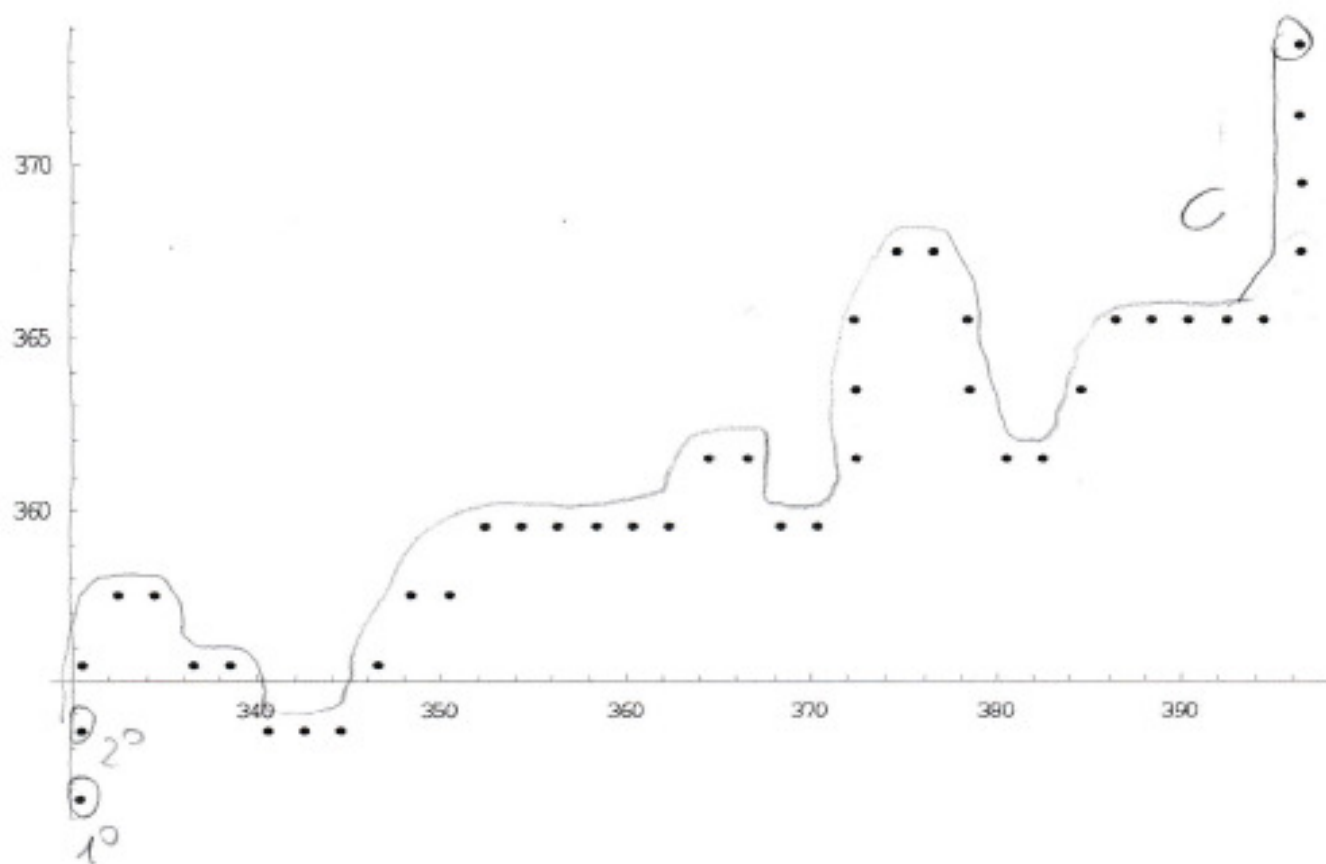


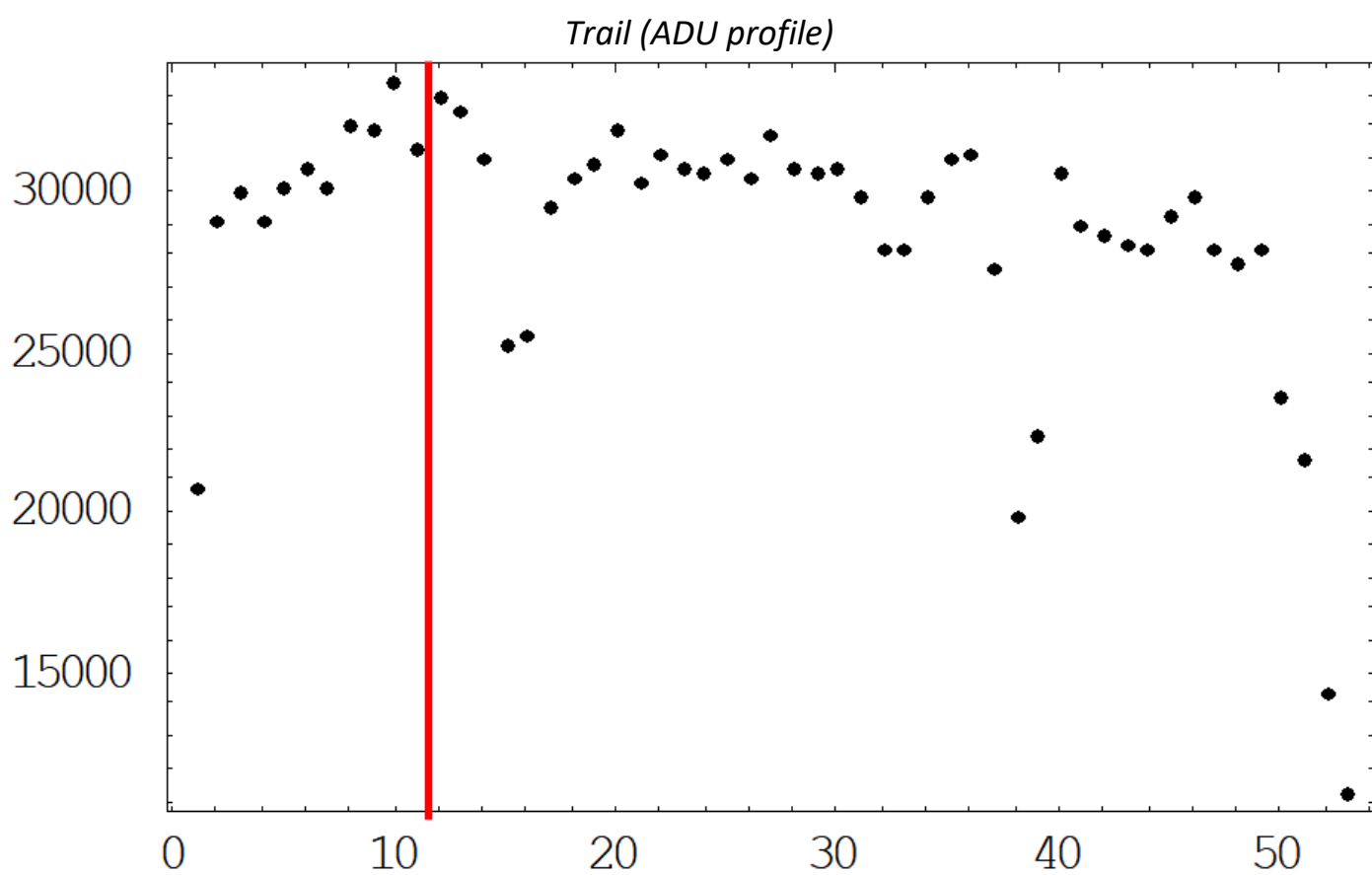
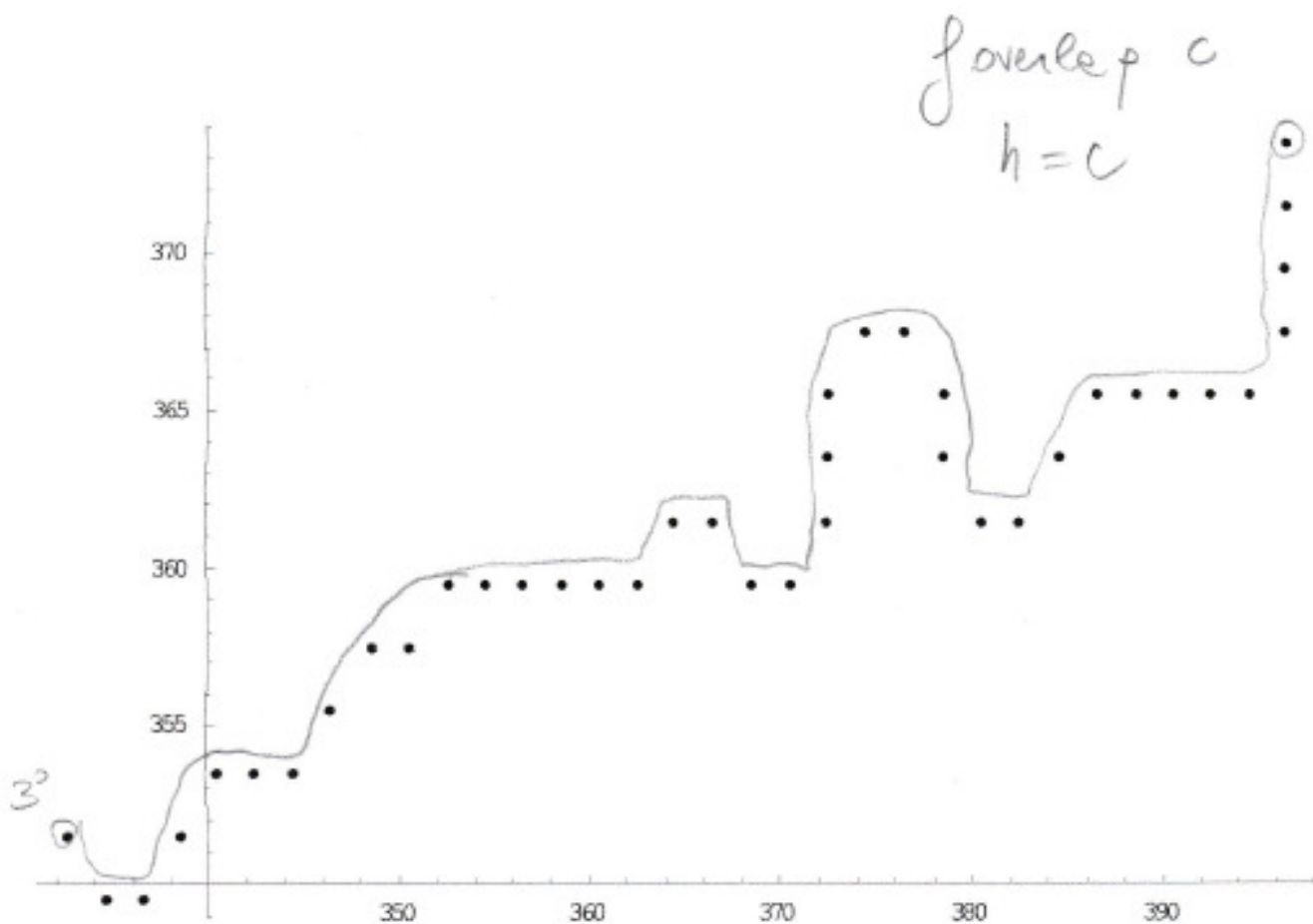
c+f vectors - main



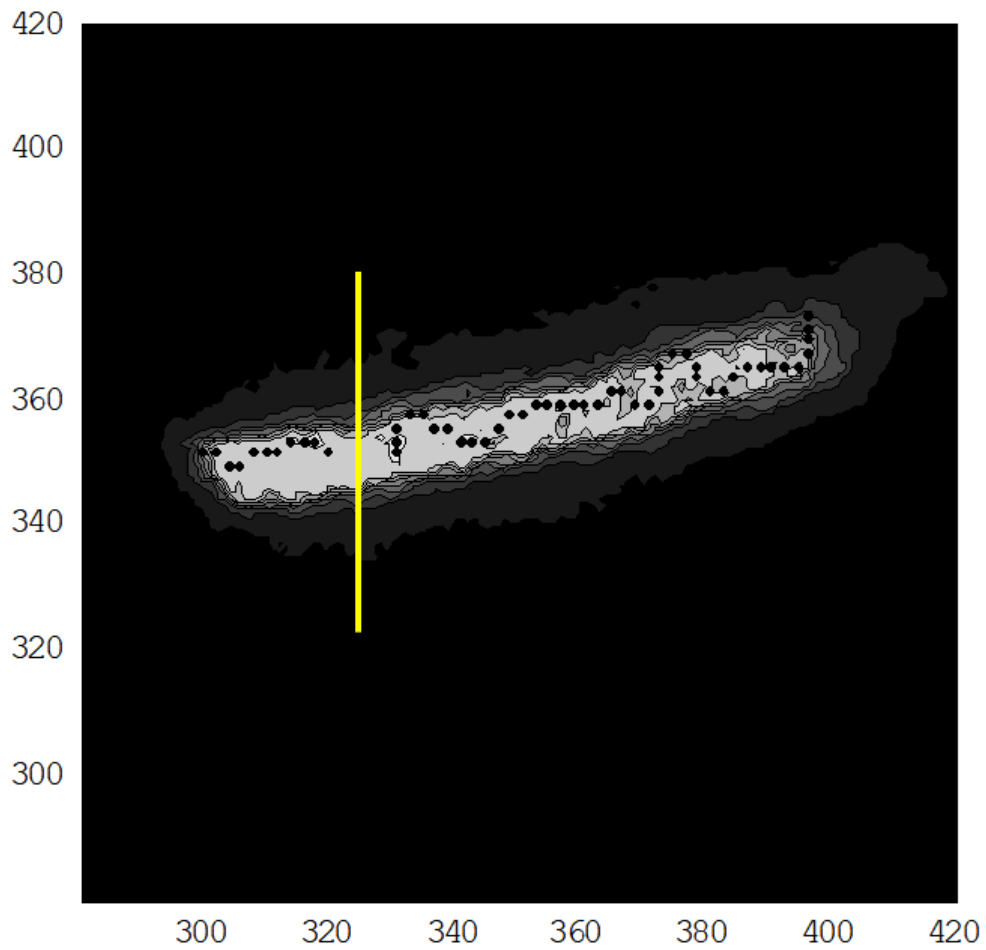


c+f vectors - lobe

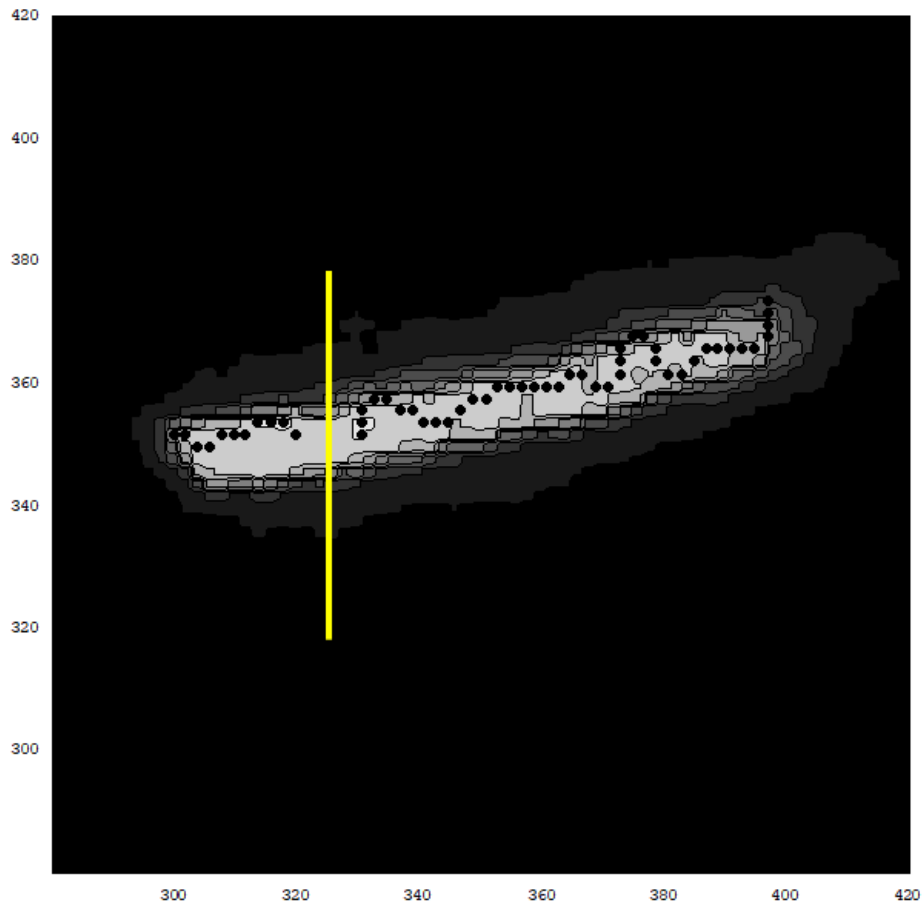




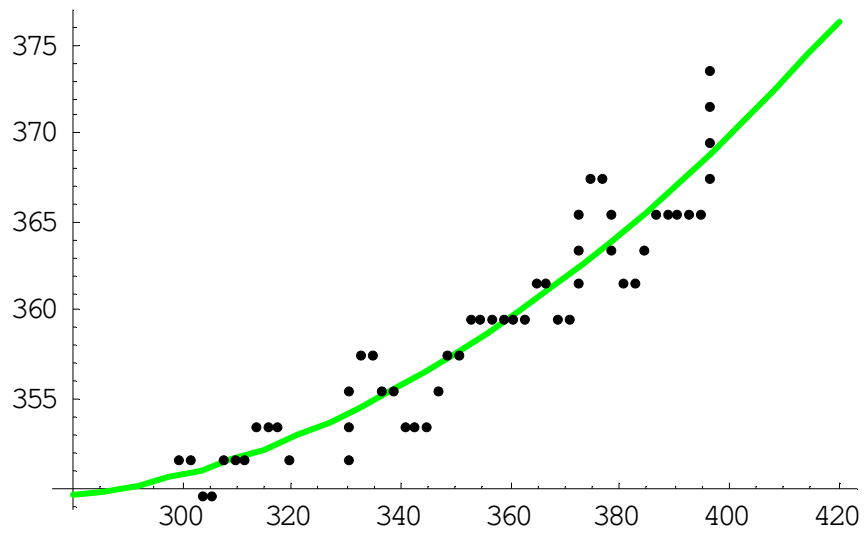
Trail + Contour 1x1



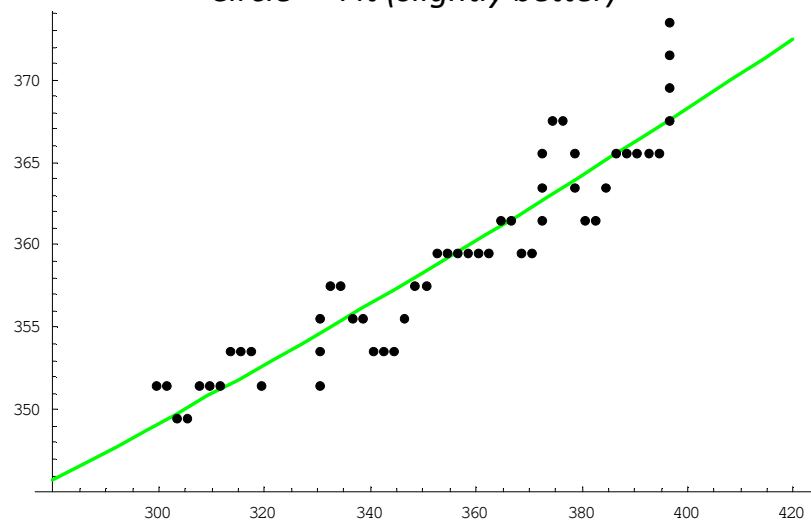
Trail + Contour 2x2



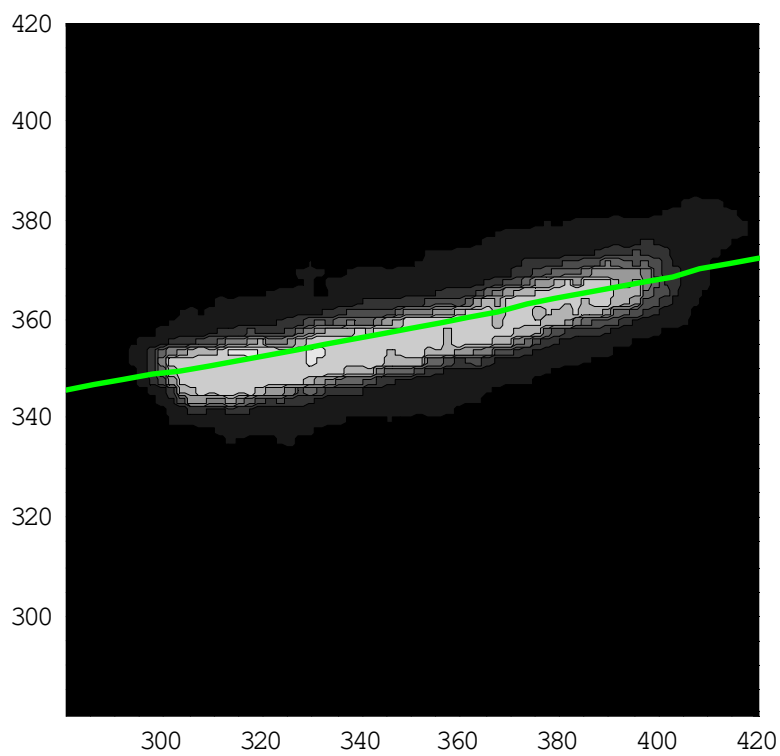
Parabole Fit



Circle '-' Fit (slightly better)



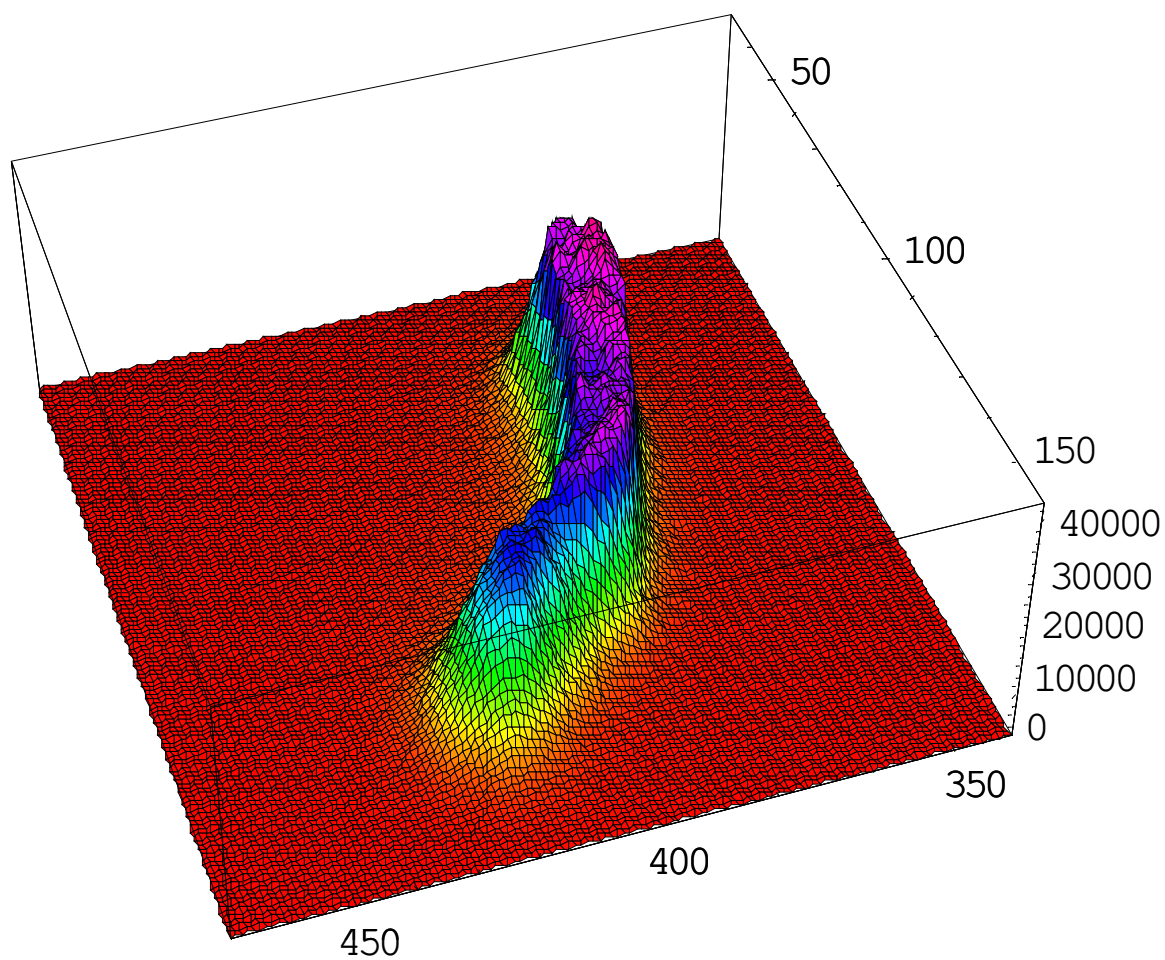
Circle '-' Fit on path



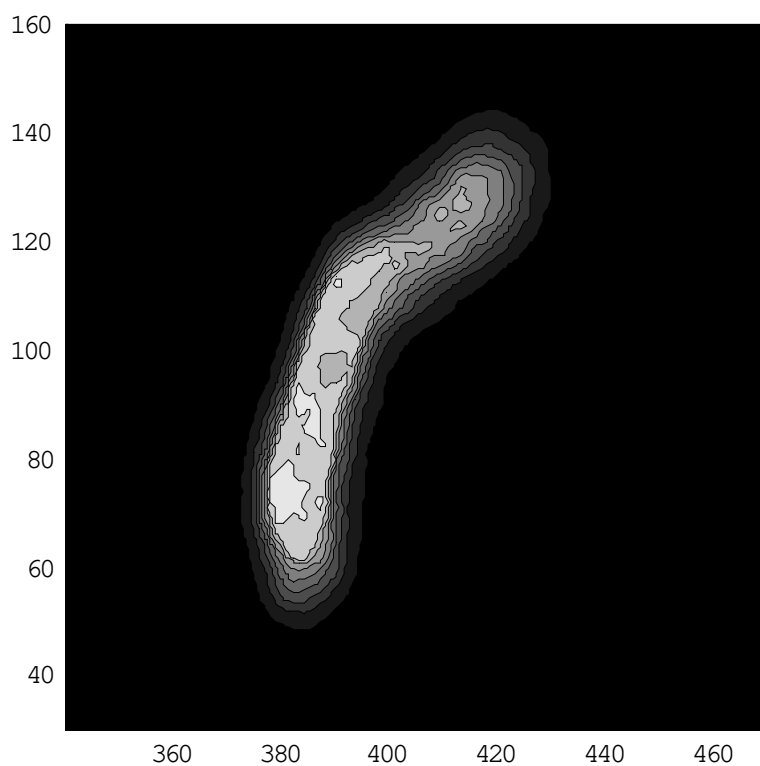
11-07-2008

A1 – JUNCAL (with “lobe work”)

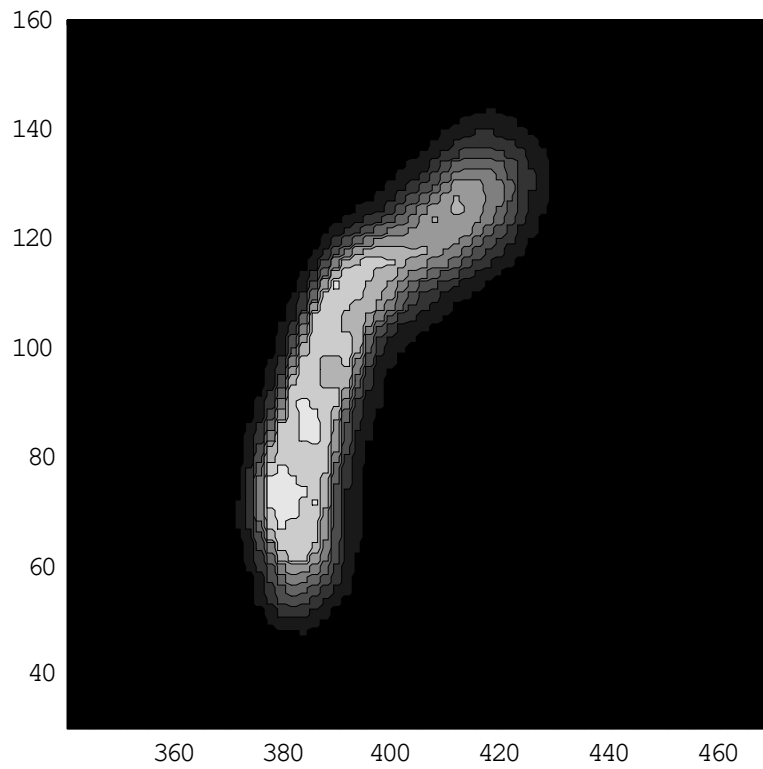
Trail 3D



Contour 1x1



Contour 2x2

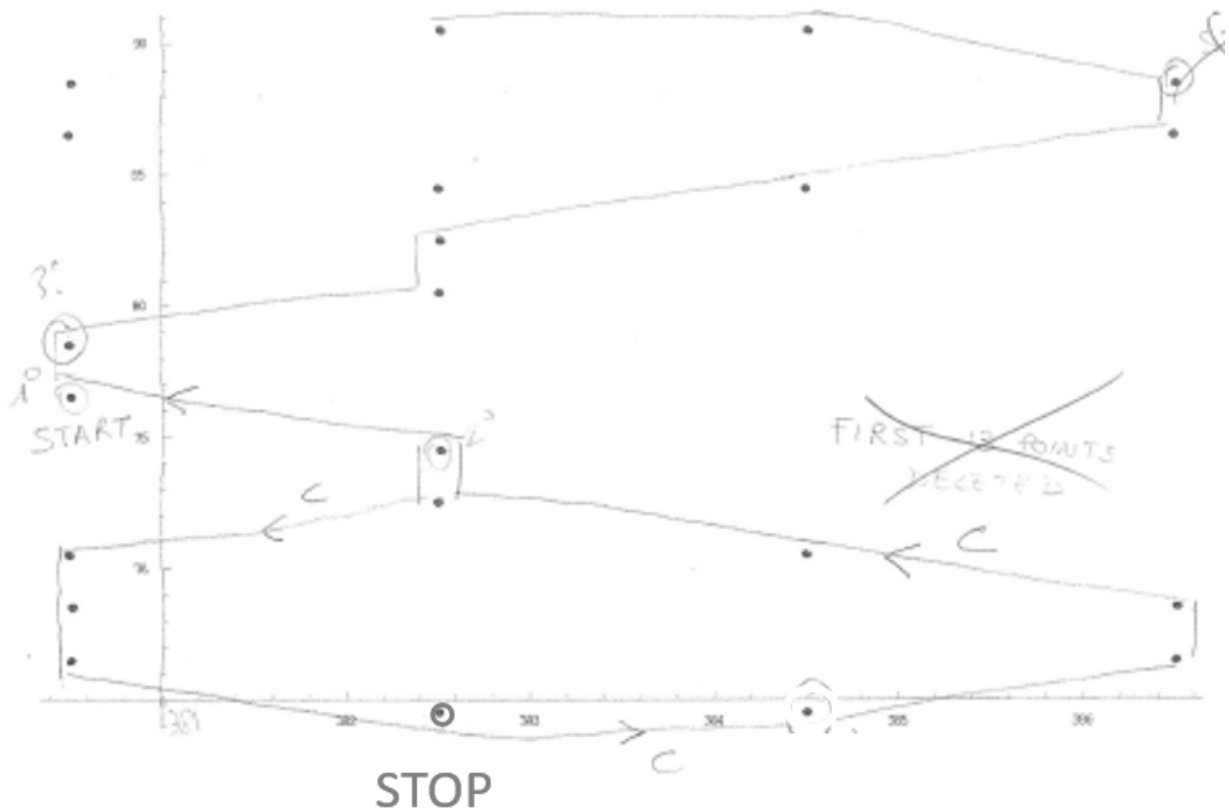


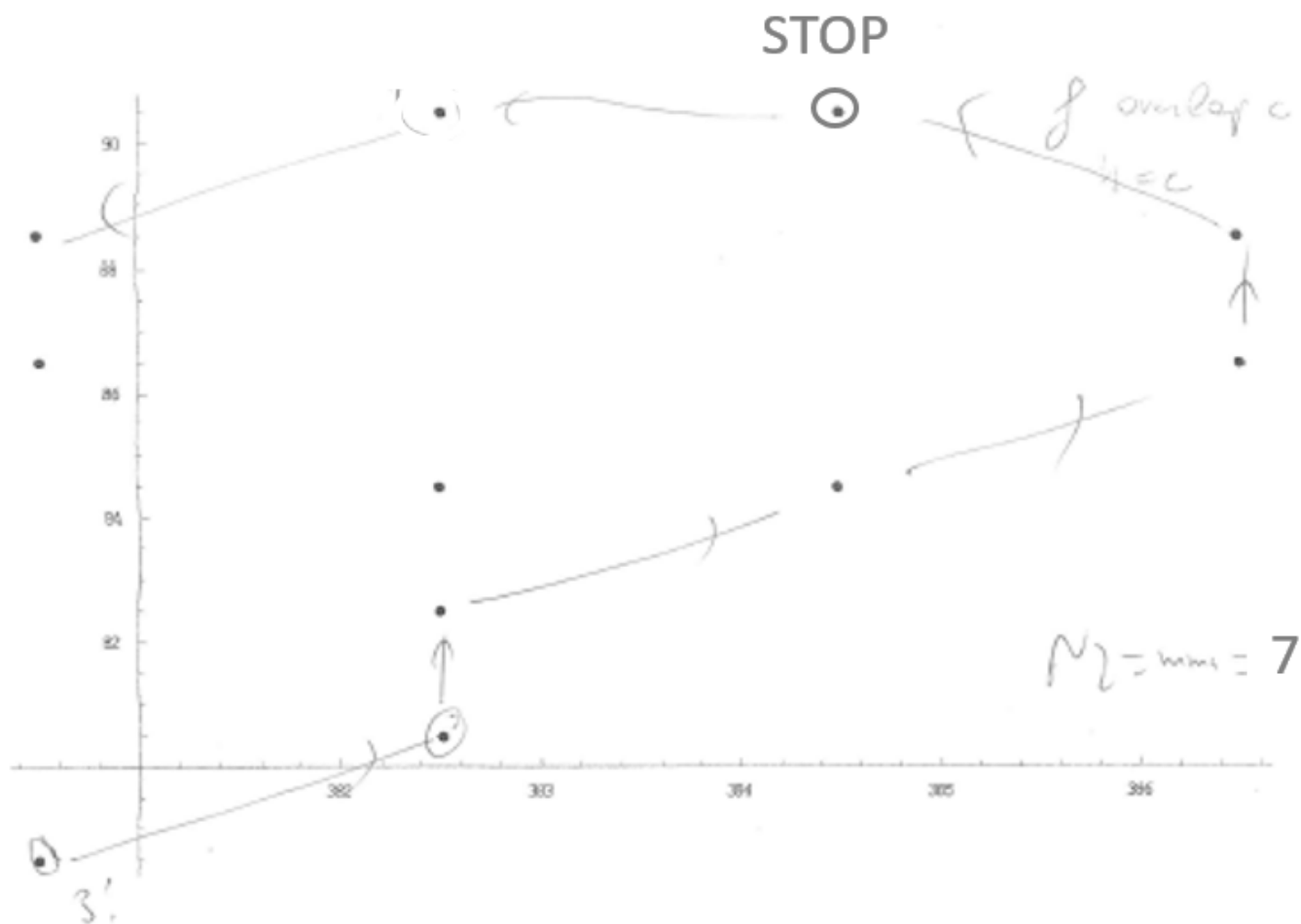
c+f vectors – main

$$N_1 = \text{line} = 7$$

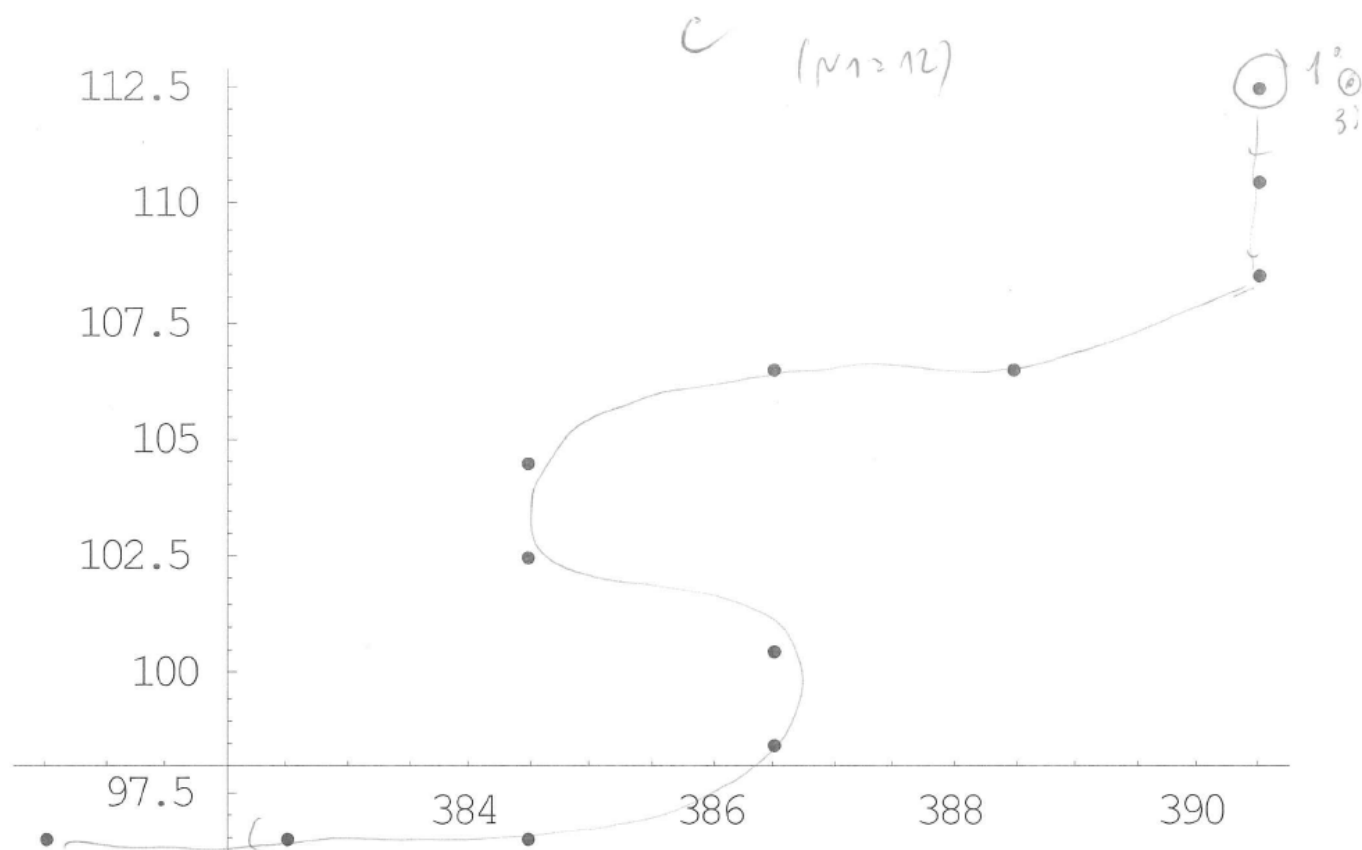
~~$N_1 = 20$~~

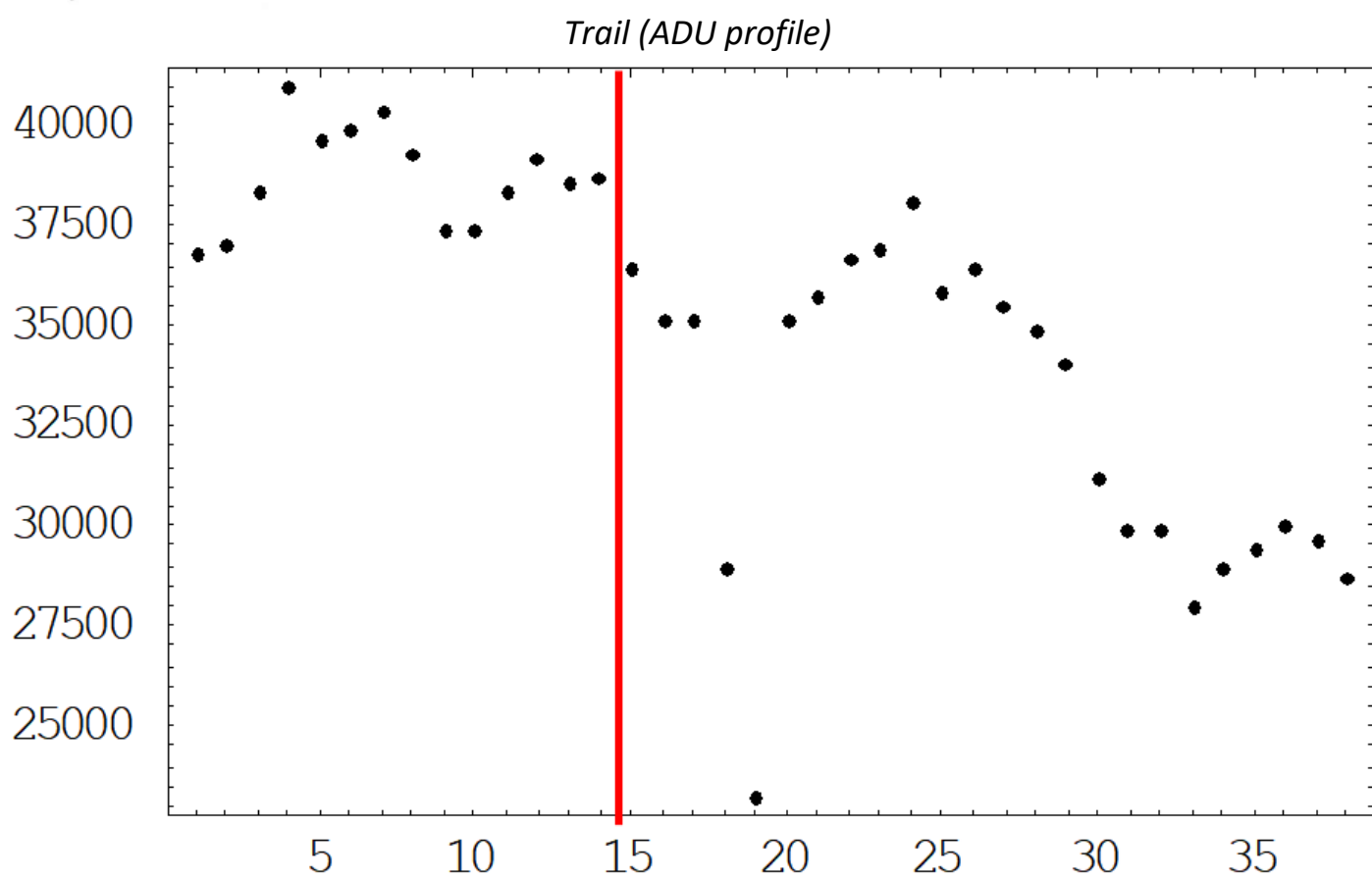
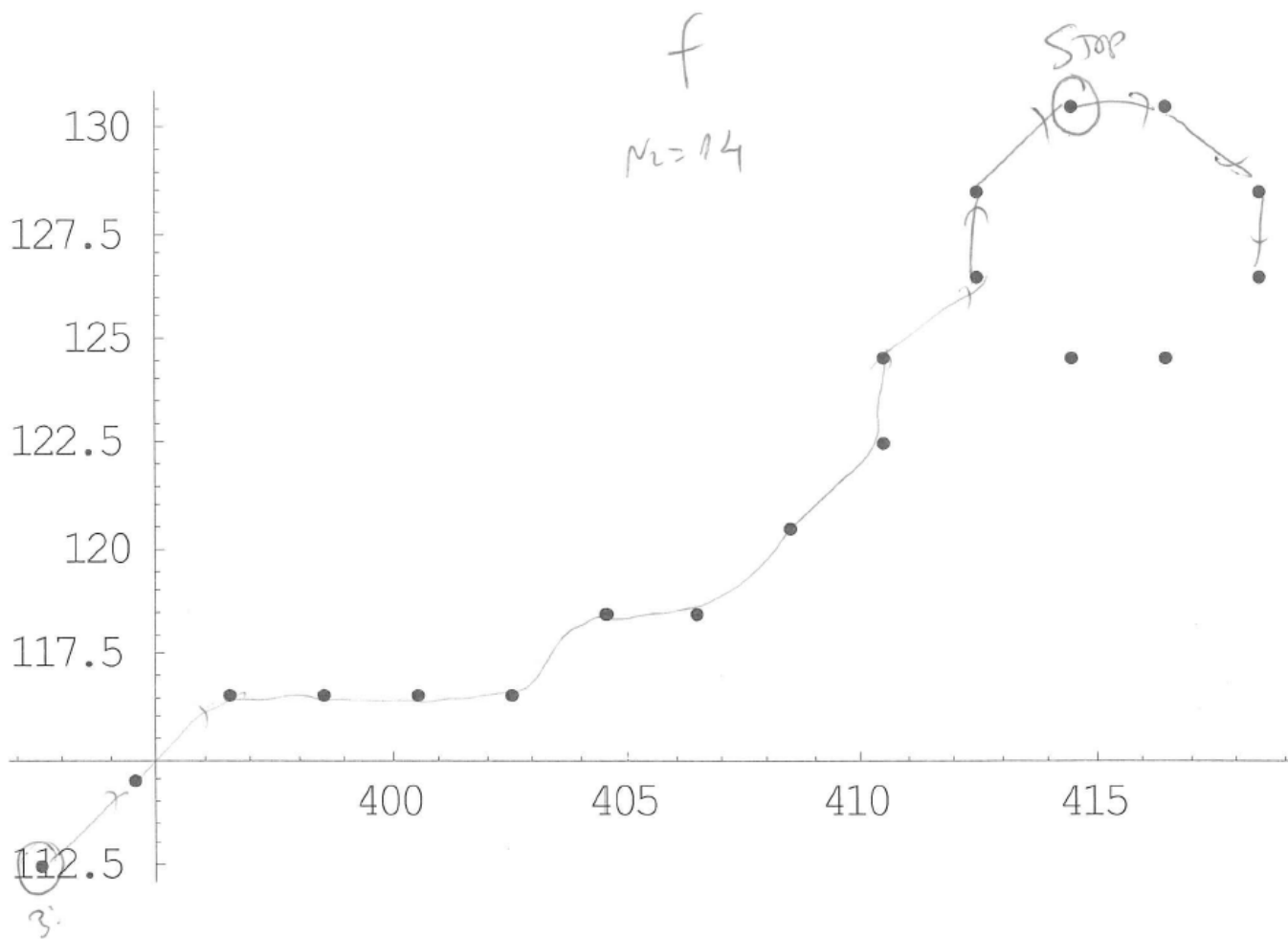
Juncal_11-07-2008



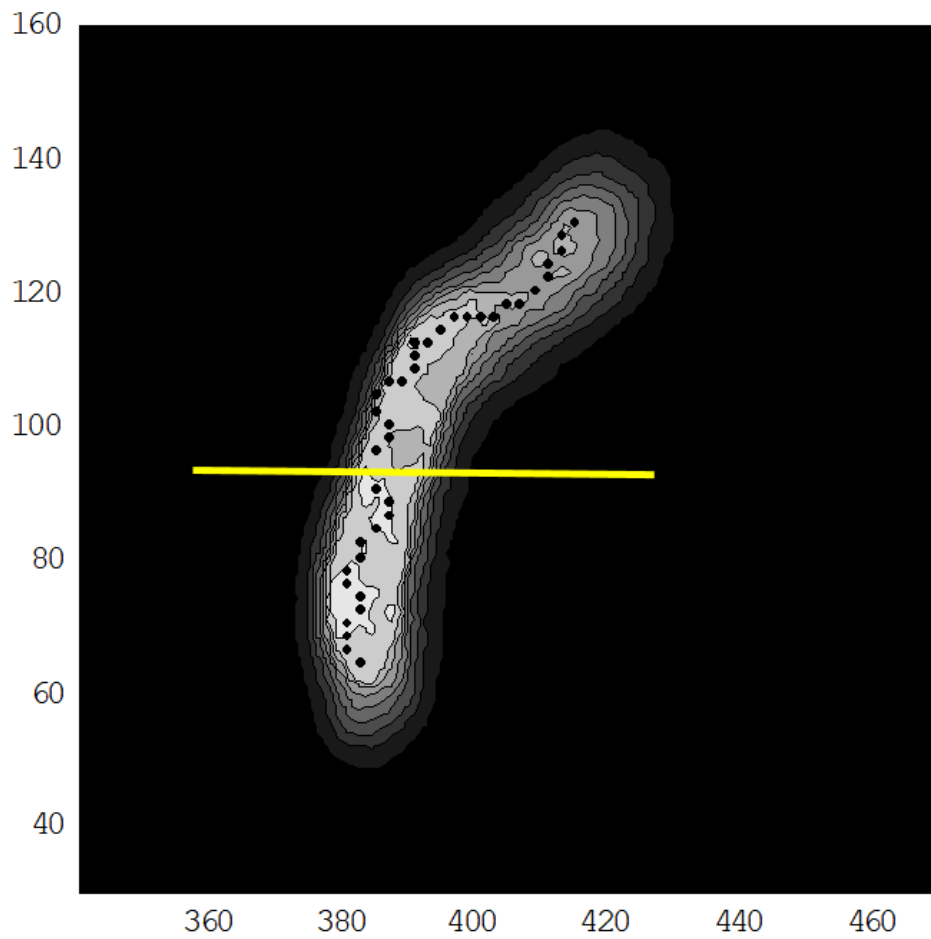


c+f vectors – lobe

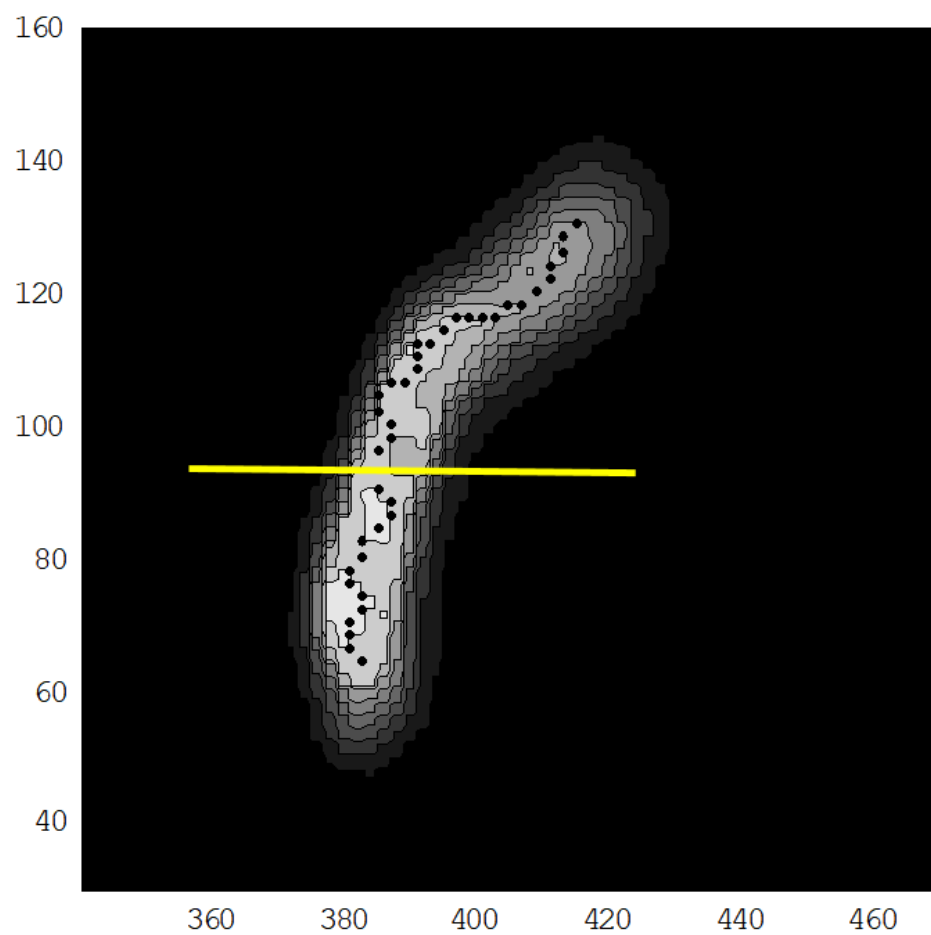




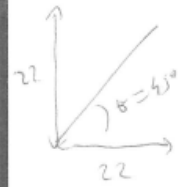
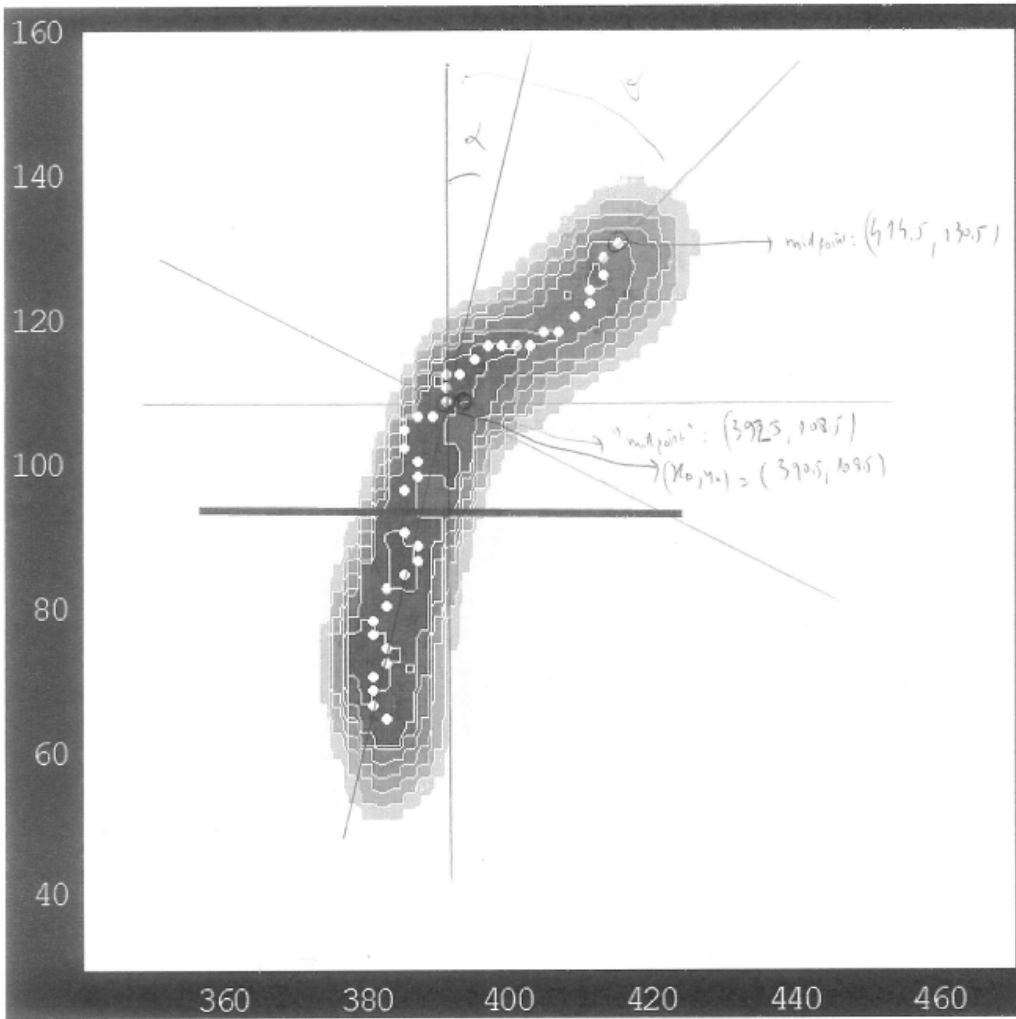
Trail + Contour 1x1



Trail + Contour 2x2

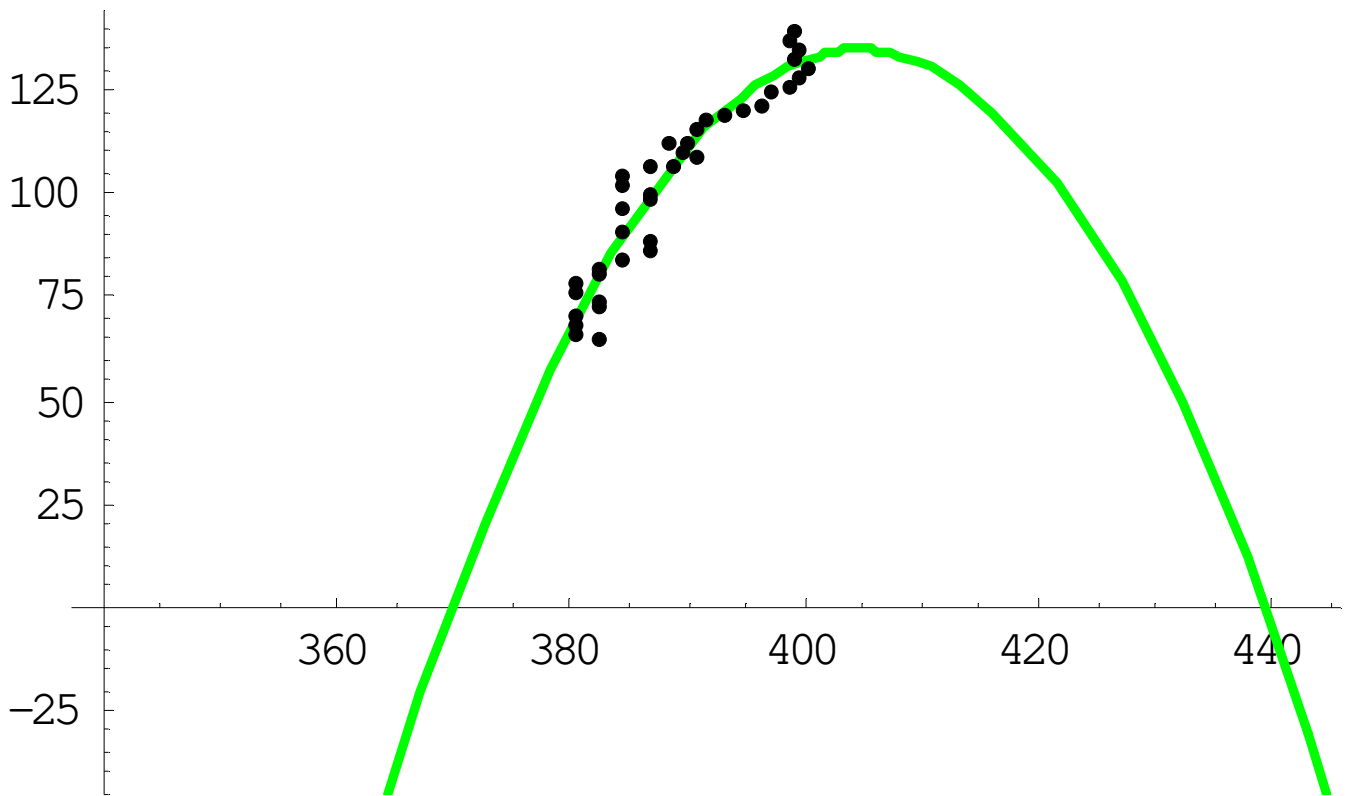


Unbending

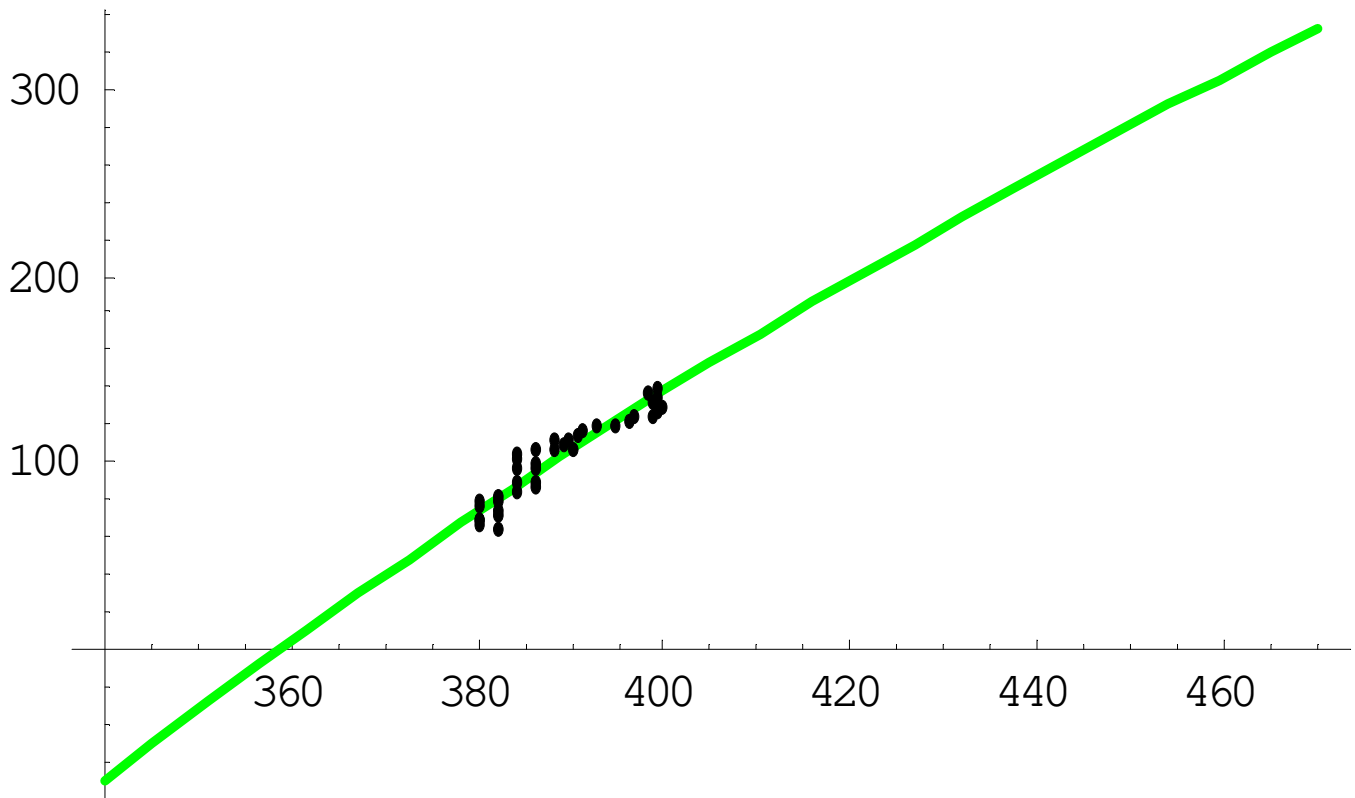


$$\theta_{\text{point}} \approx \theta_{-x} \approx 45^\circ - 13^\circ = 32^\circ$$

Parabole Fit

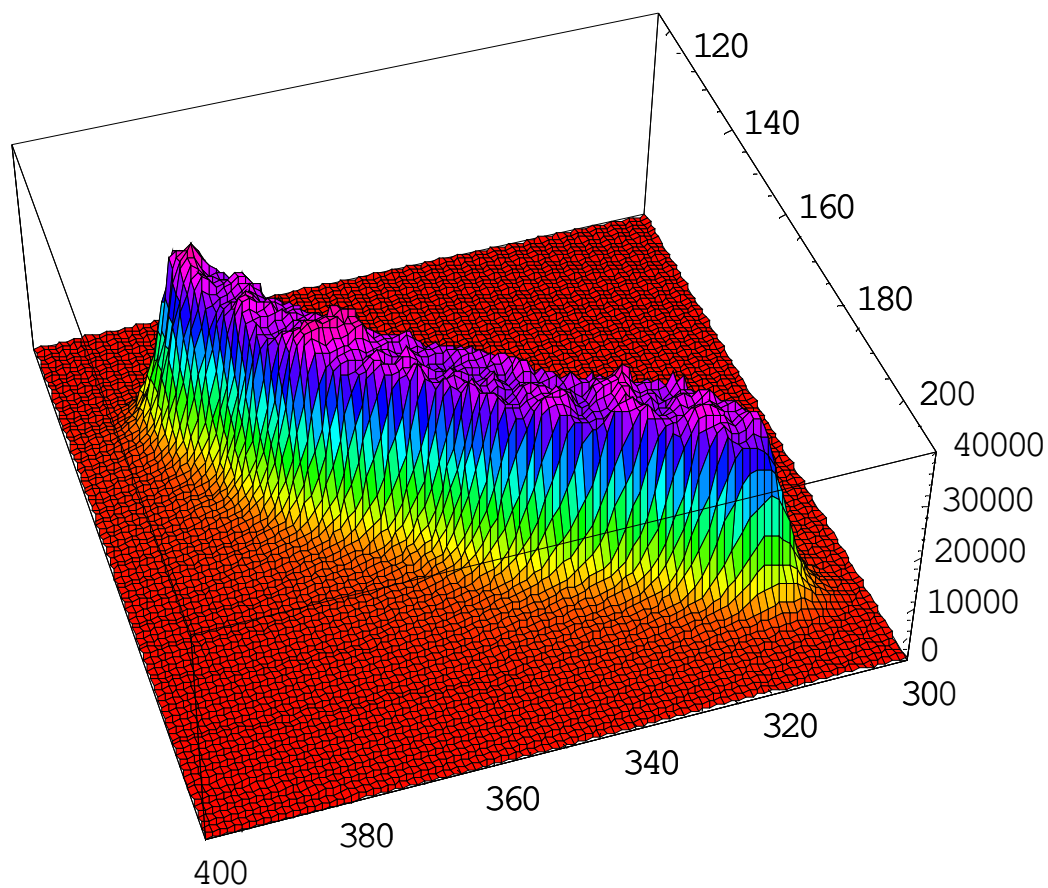


Circle '+' Fit (the only one that worked)

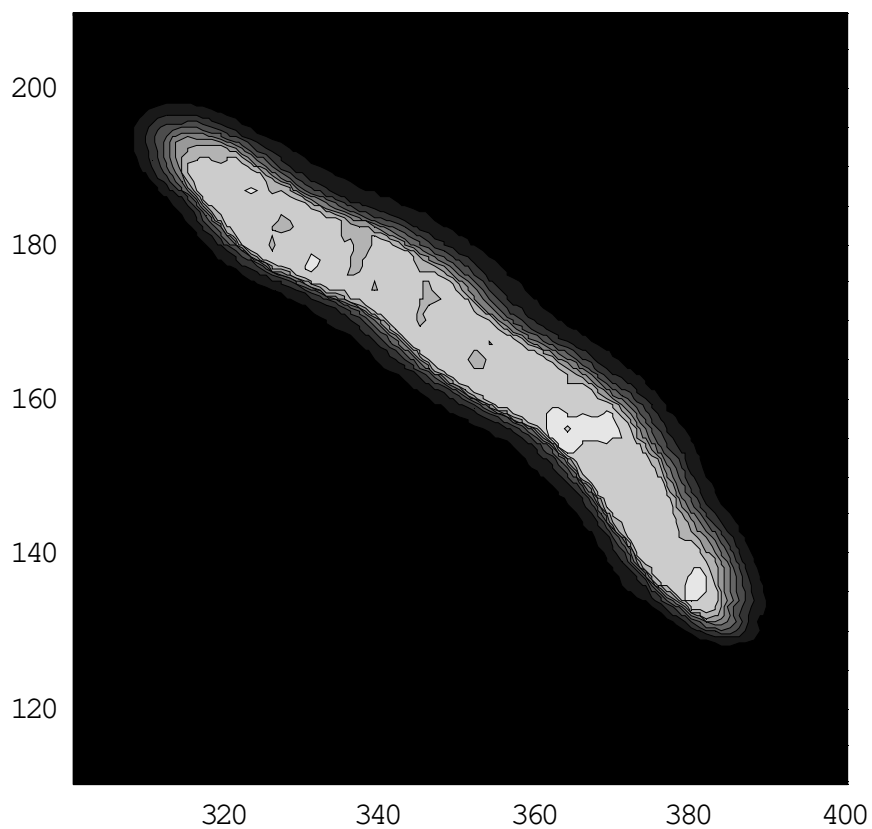


18-07-2008 A1 – JUNCAL

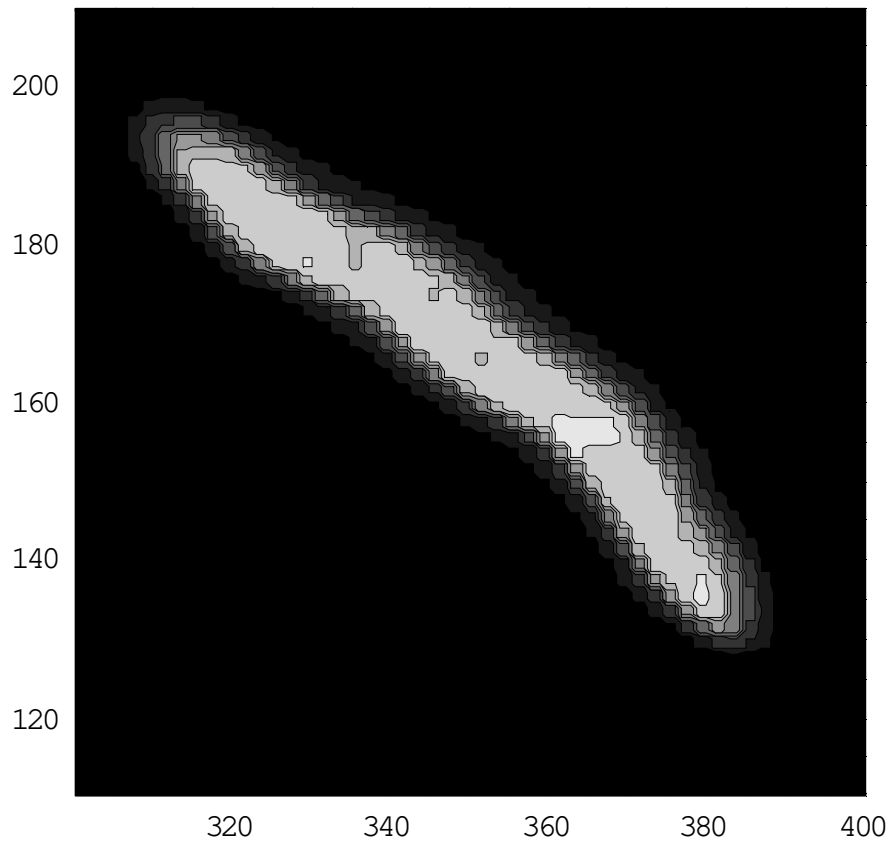
Trail 3D



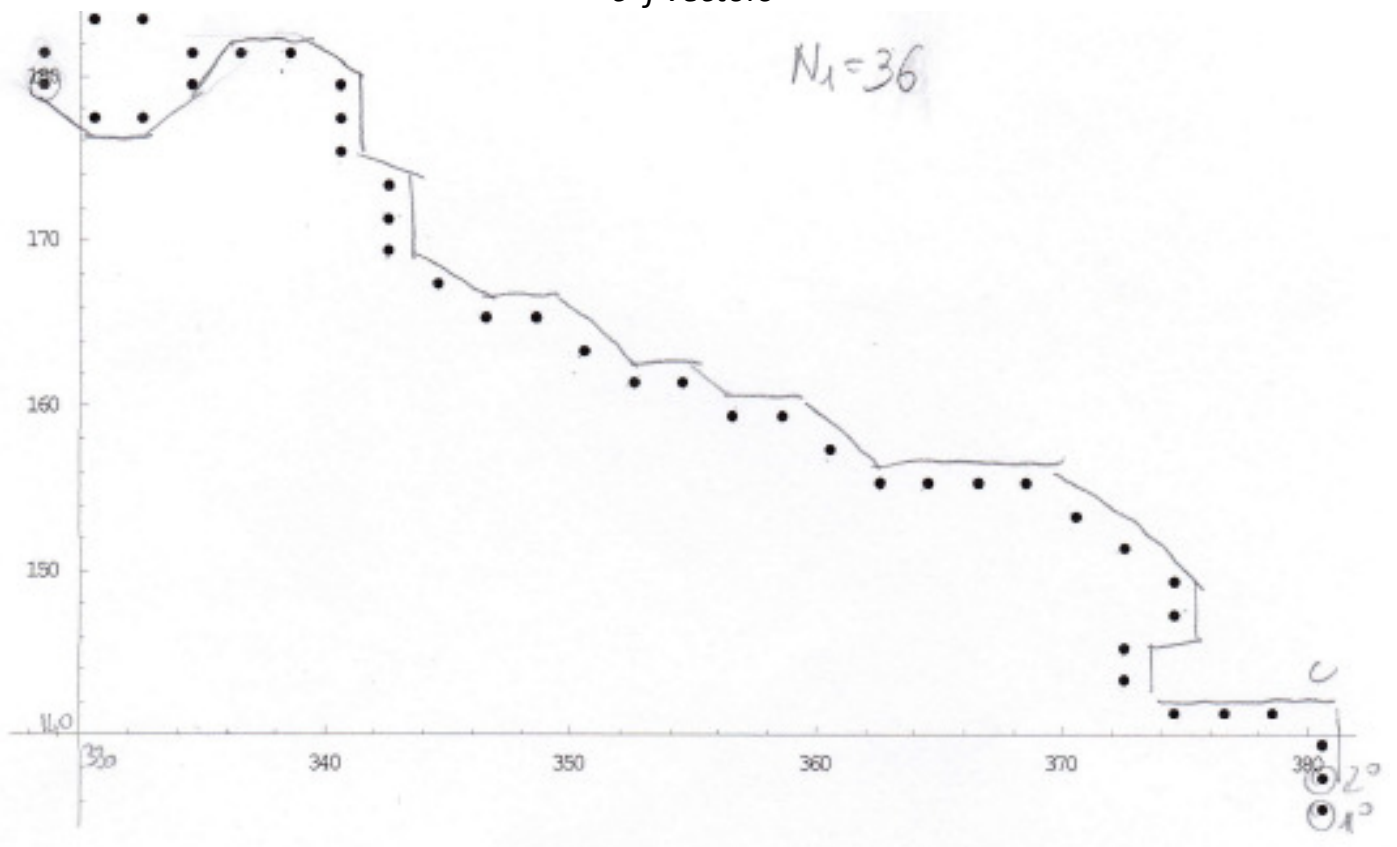
Contour 1x1

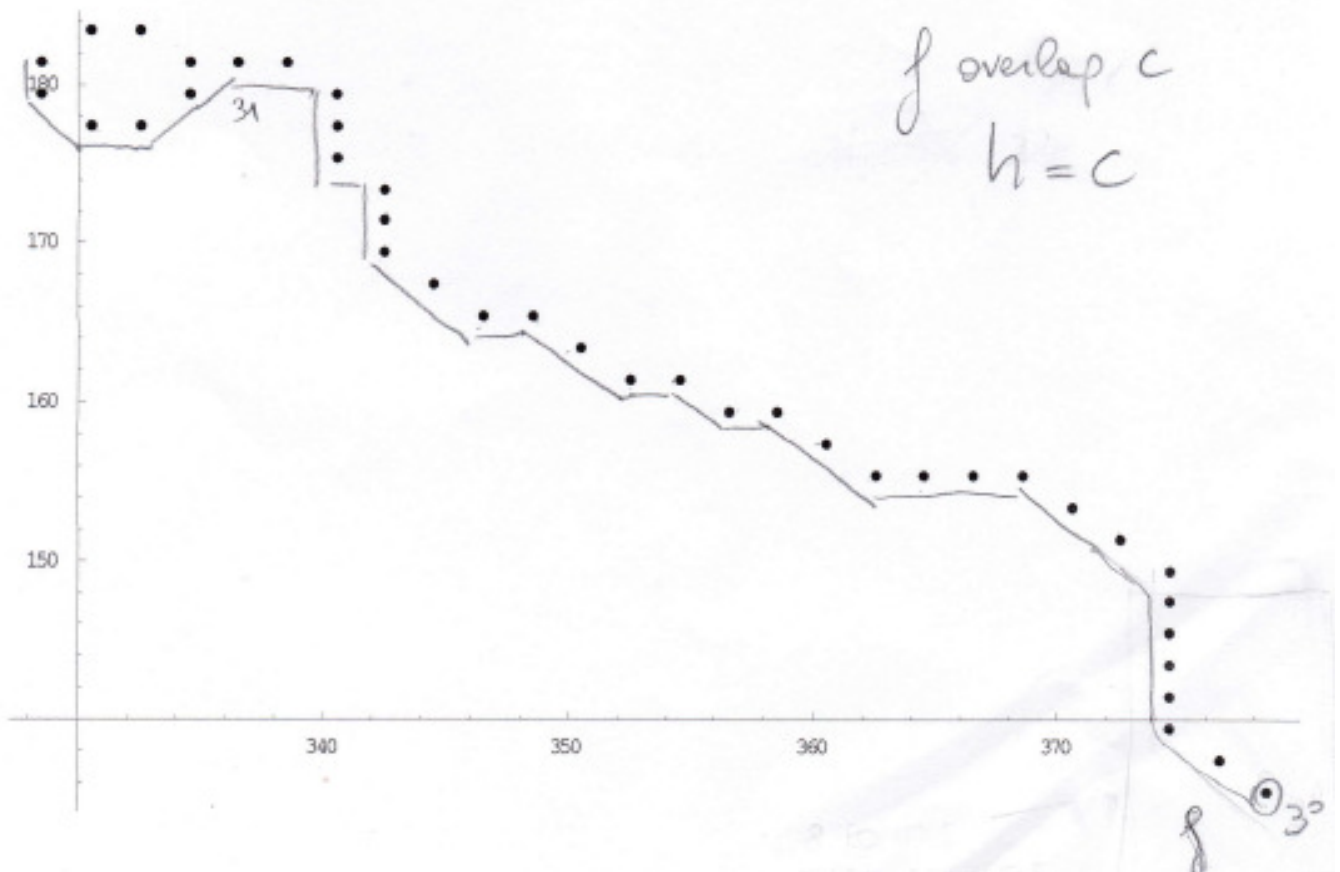


Contour 2x2

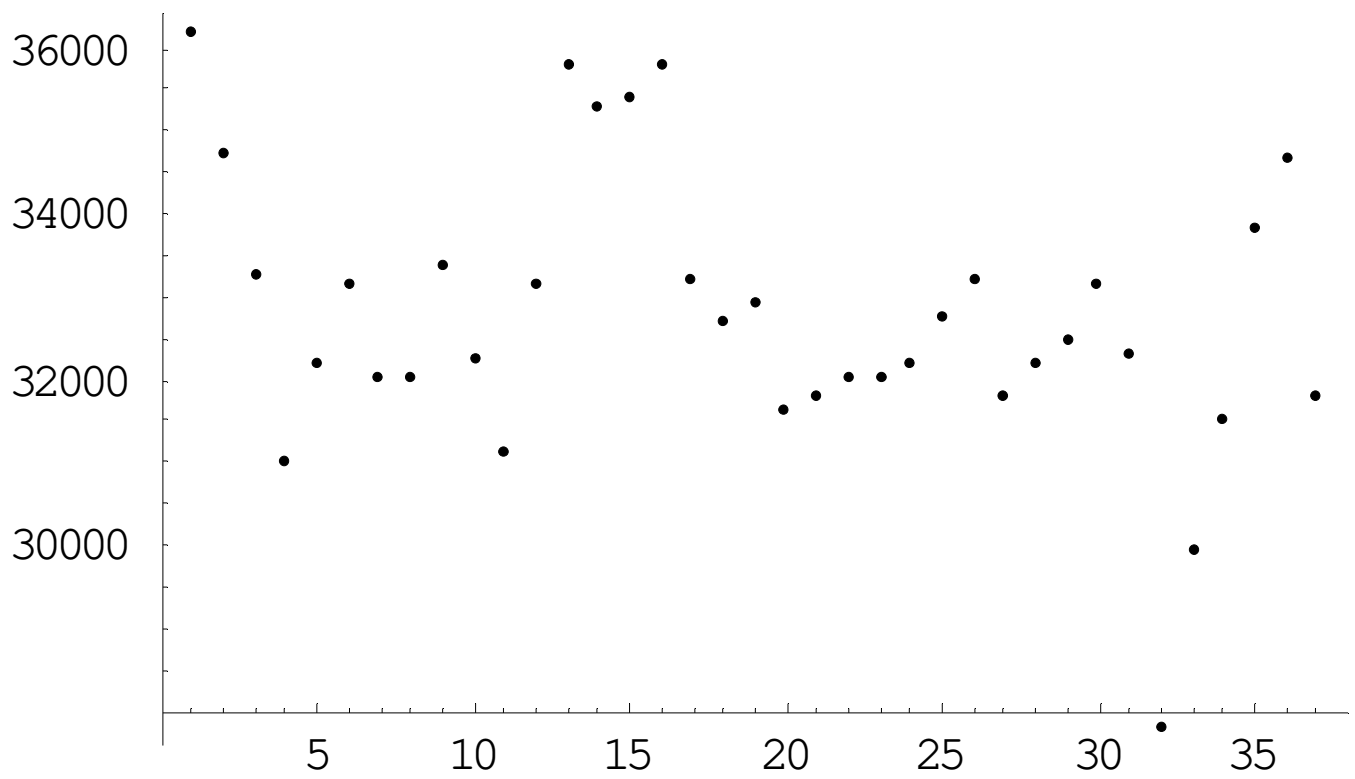


$c+f$ vectors

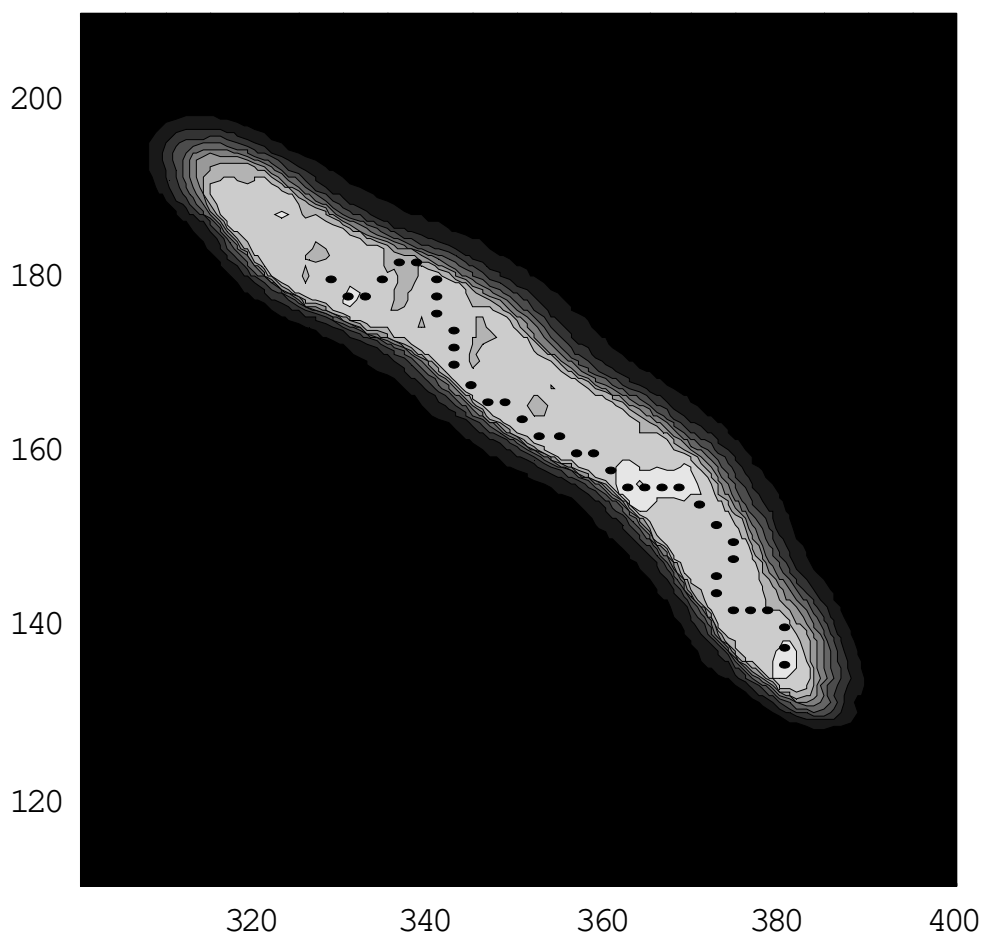




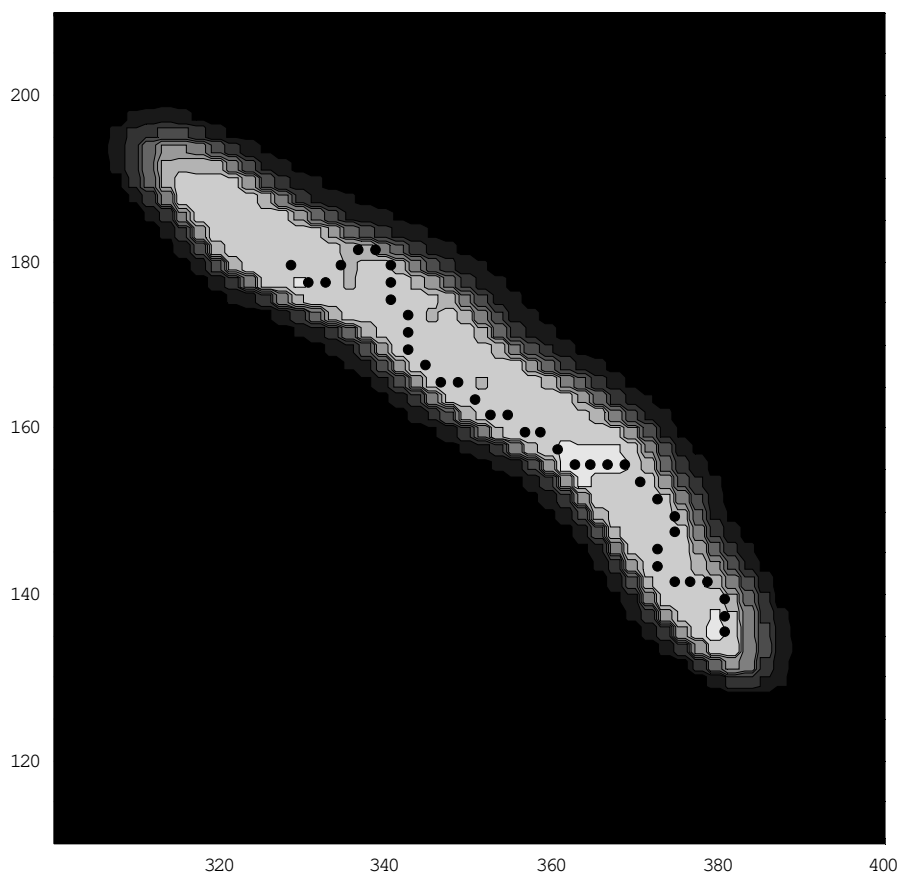
Trail (ADU profile)



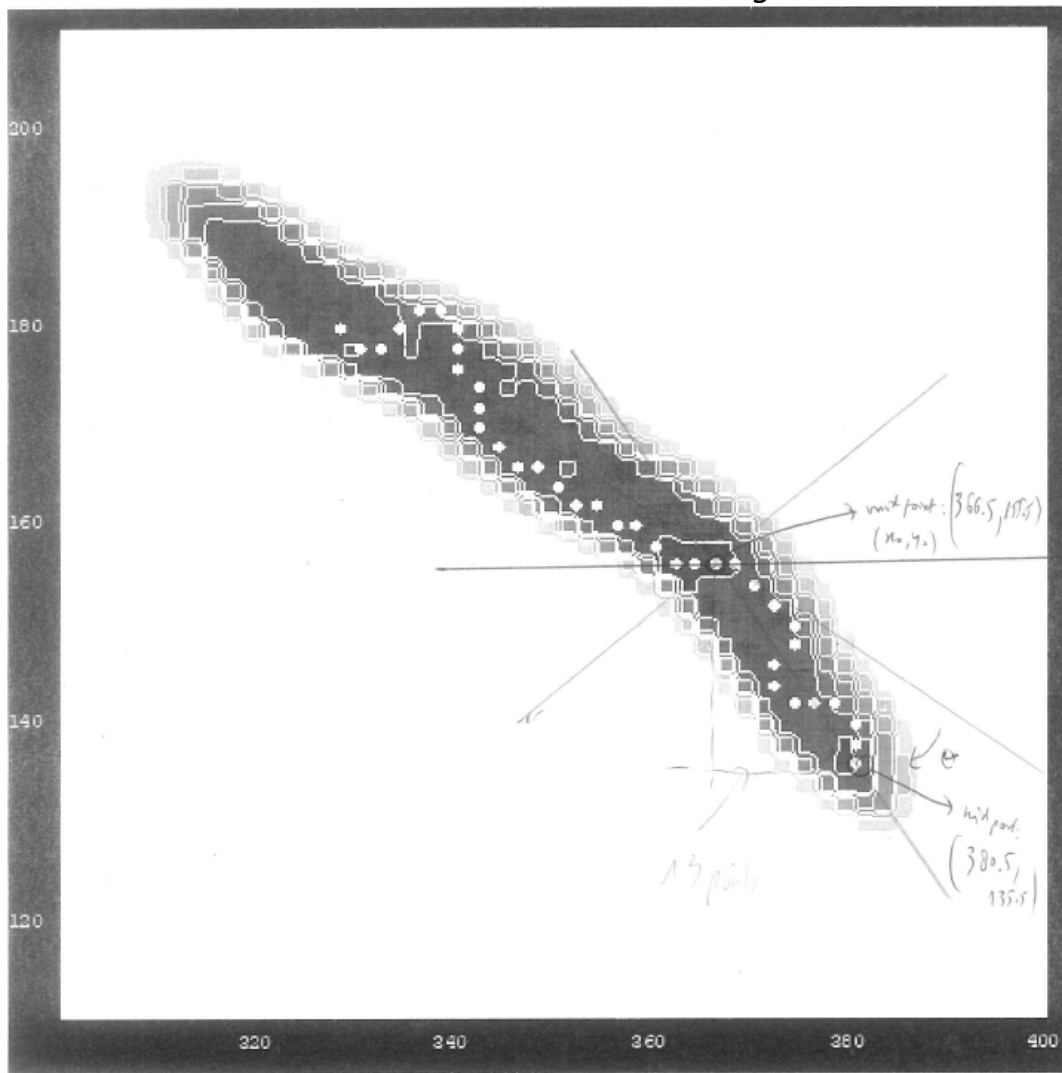
Trail + Contour 1x1



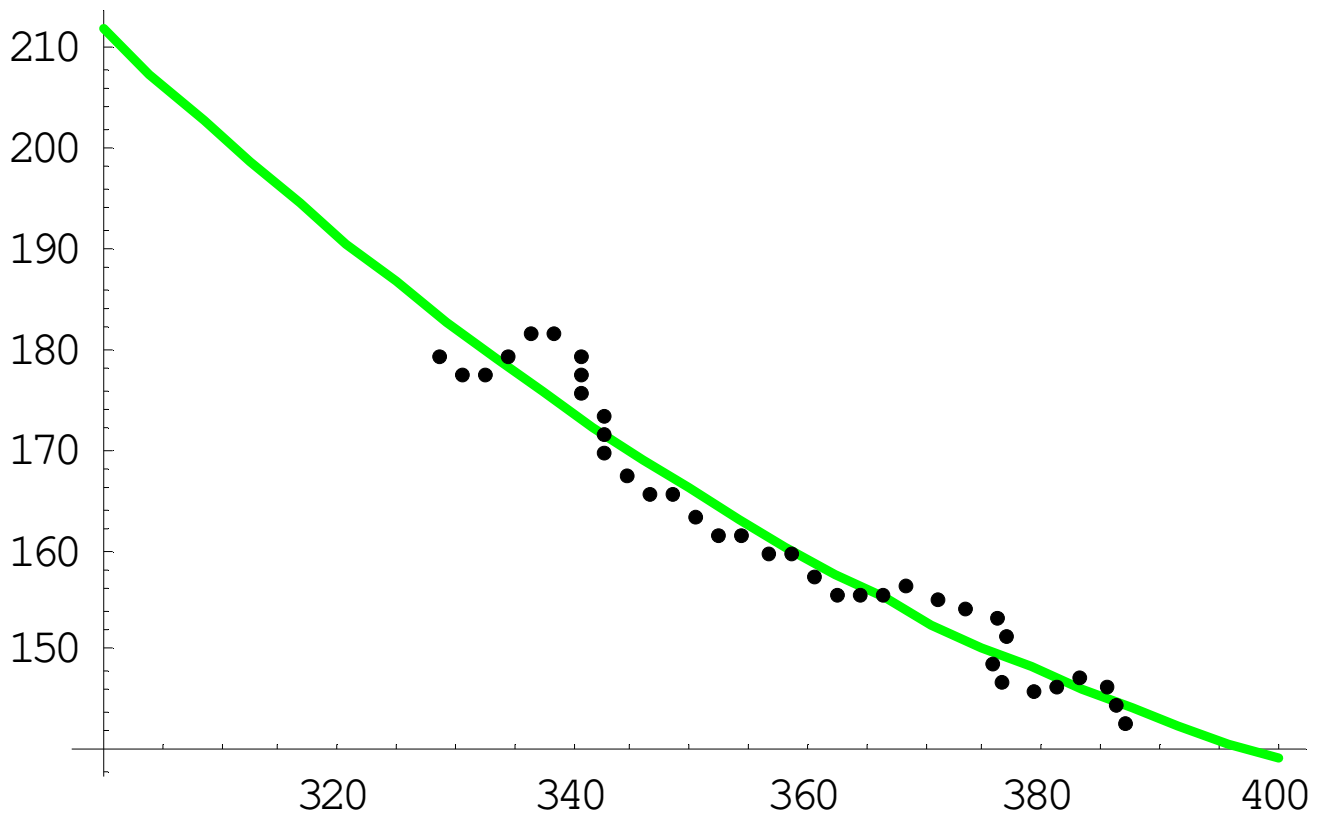
Trail + Contour 2x2



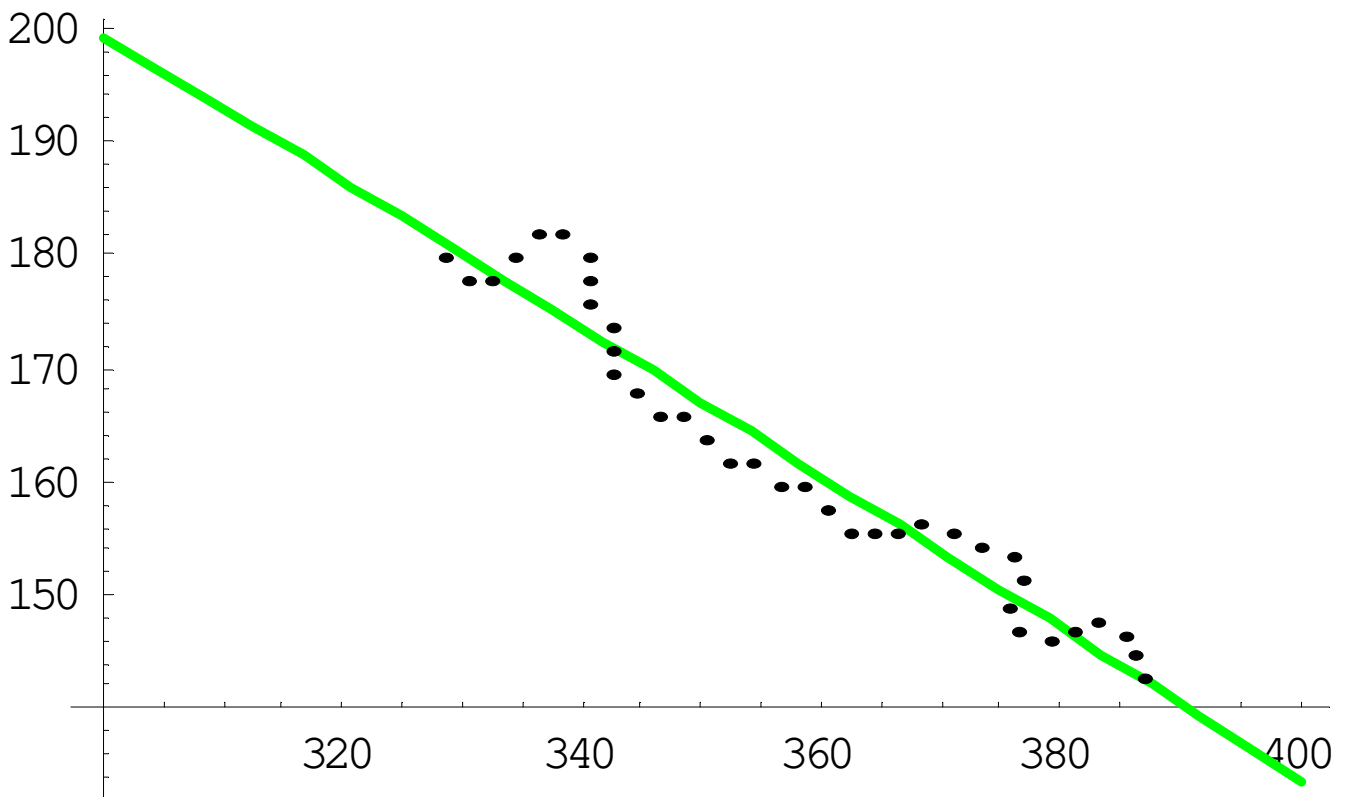
Unbending



Parabole Fit



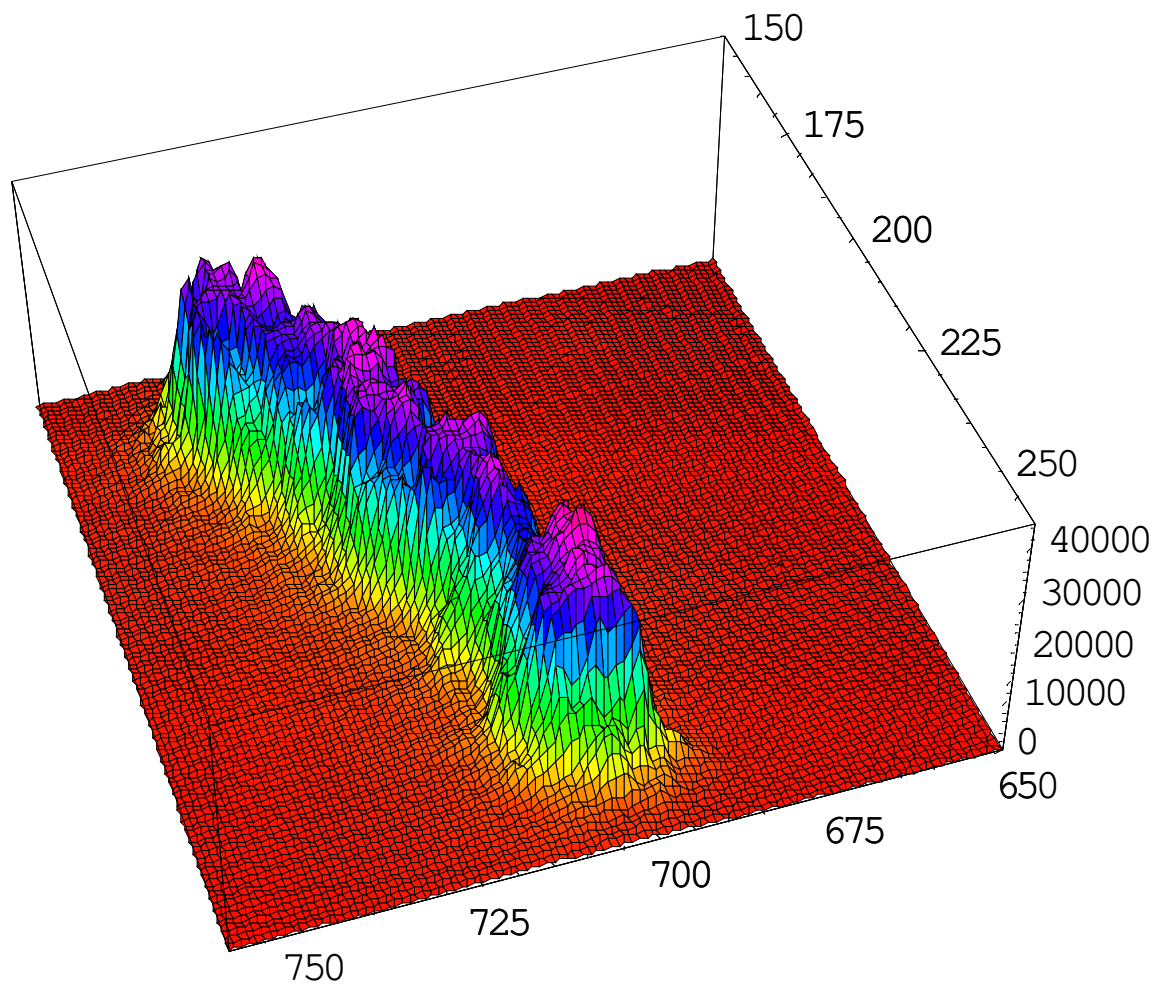
Circle '+' Fit



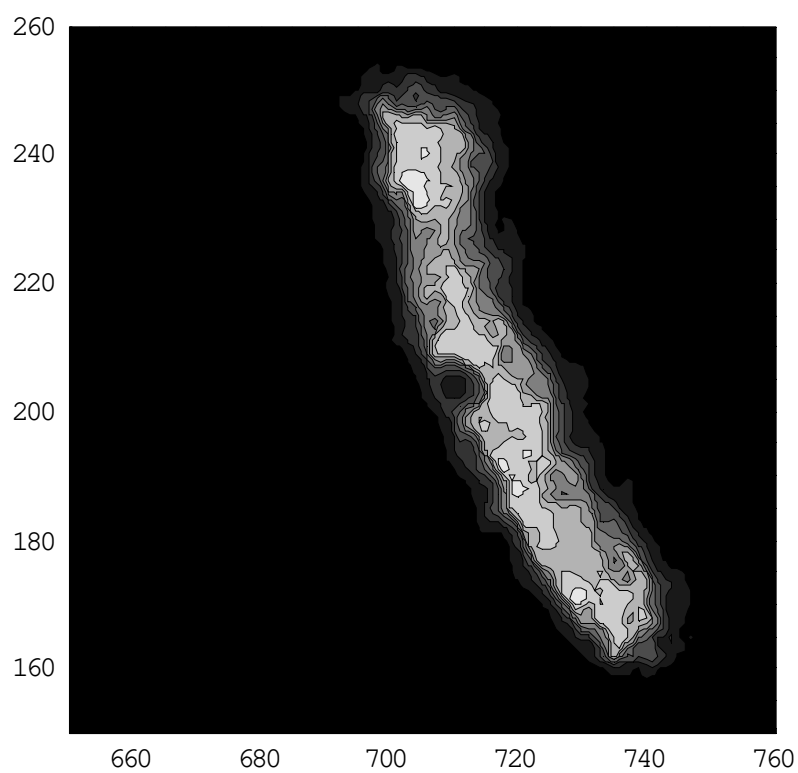
18-07-2008

A2 - ACHADA GRANDE (with "lobe work")

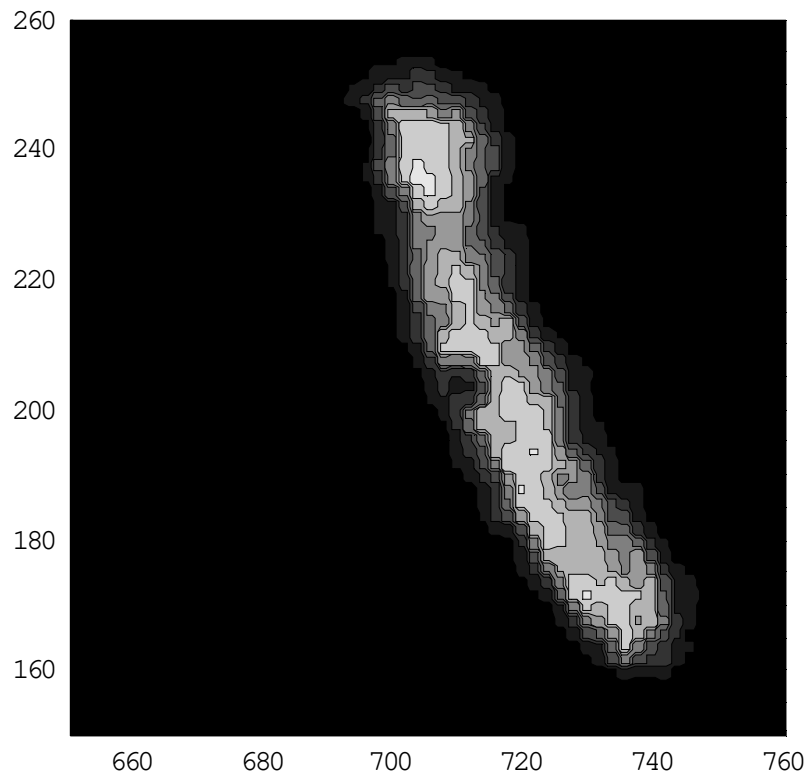
Trail 3D



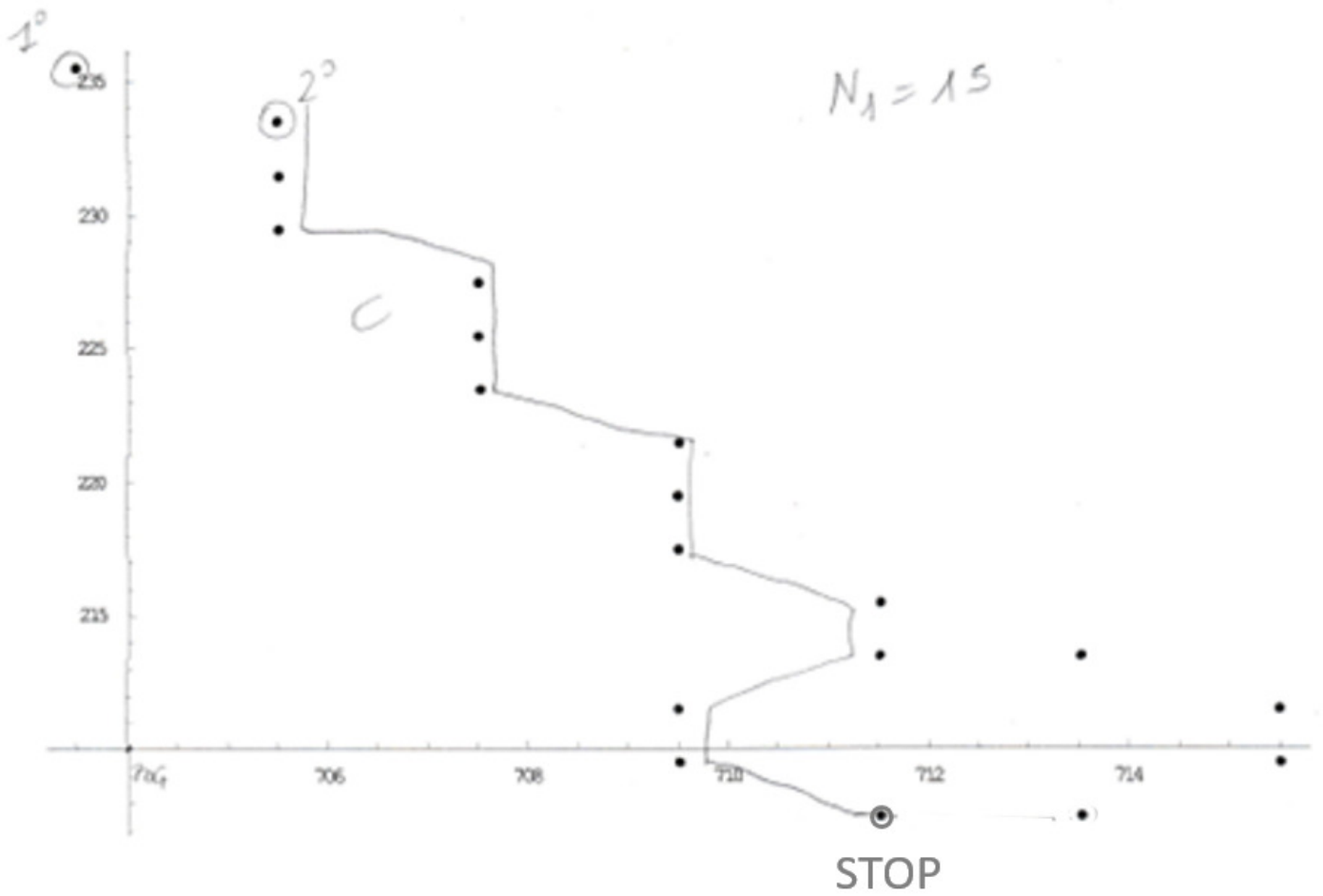
Contour 1x1

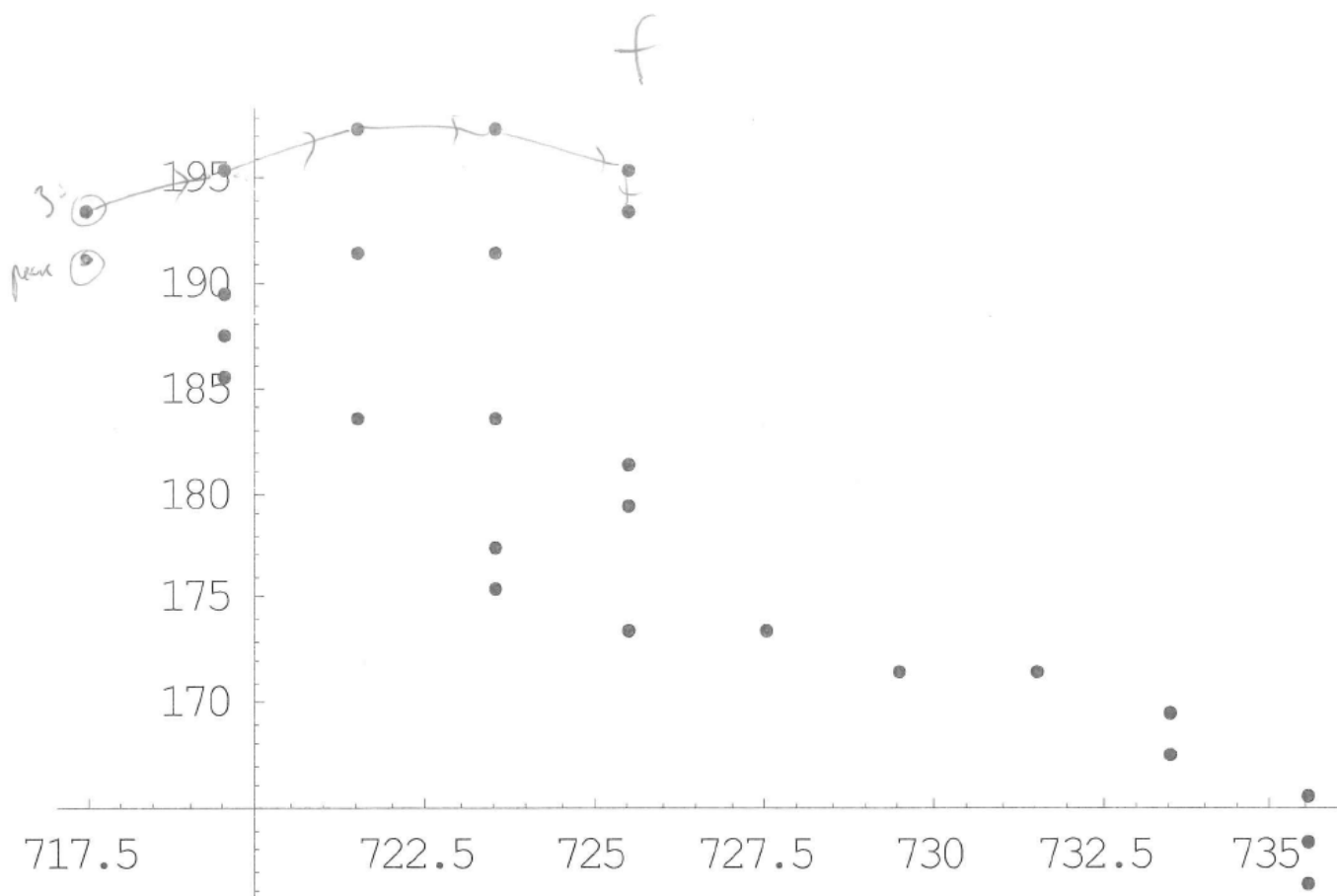


Contour 2x2

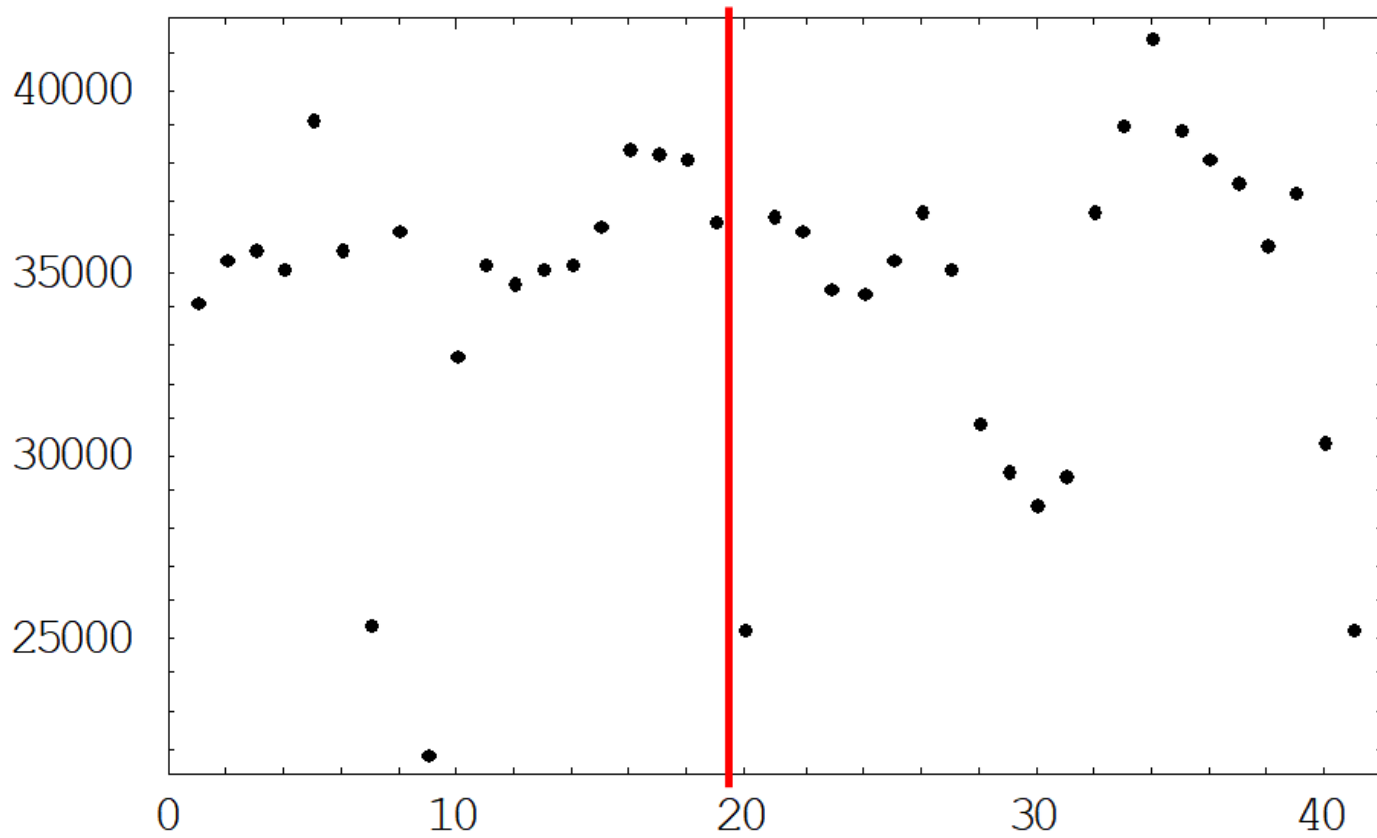


c+f vectors (main)

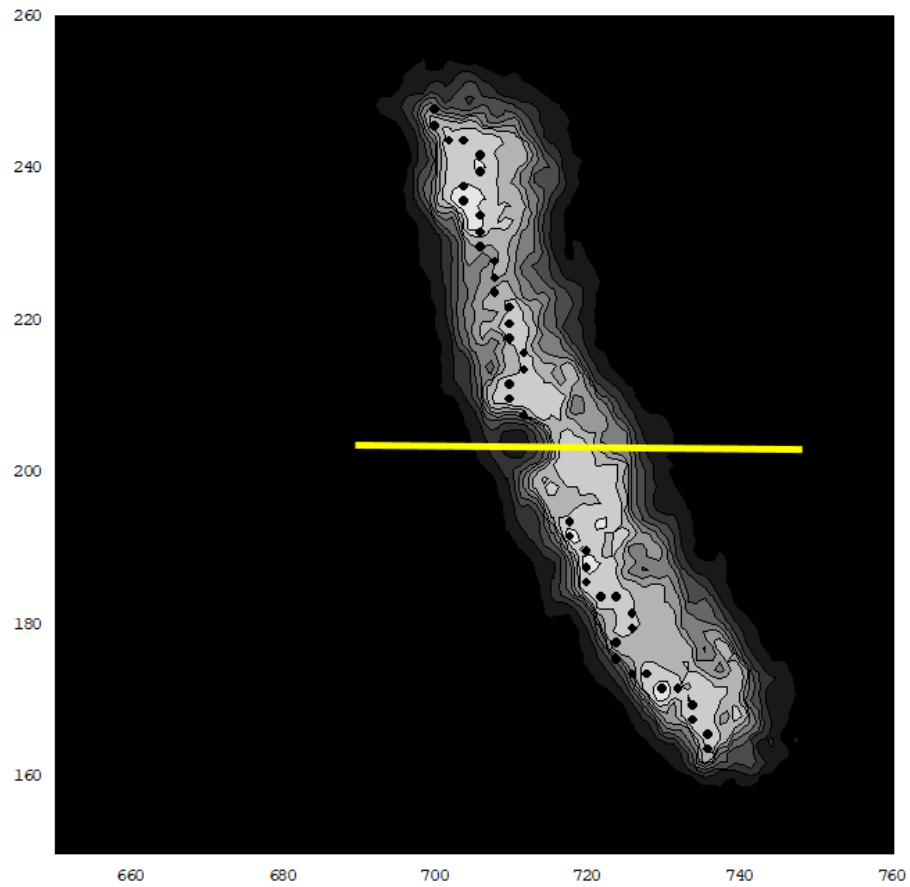




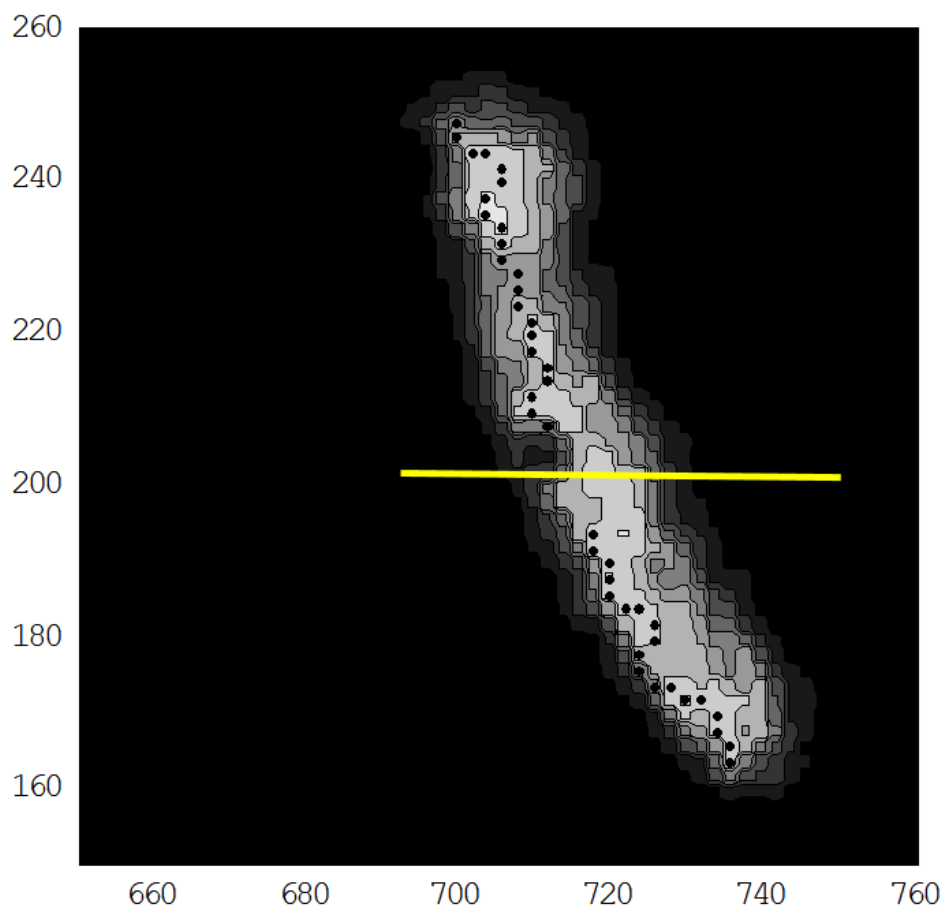
Trail (ADU profile)

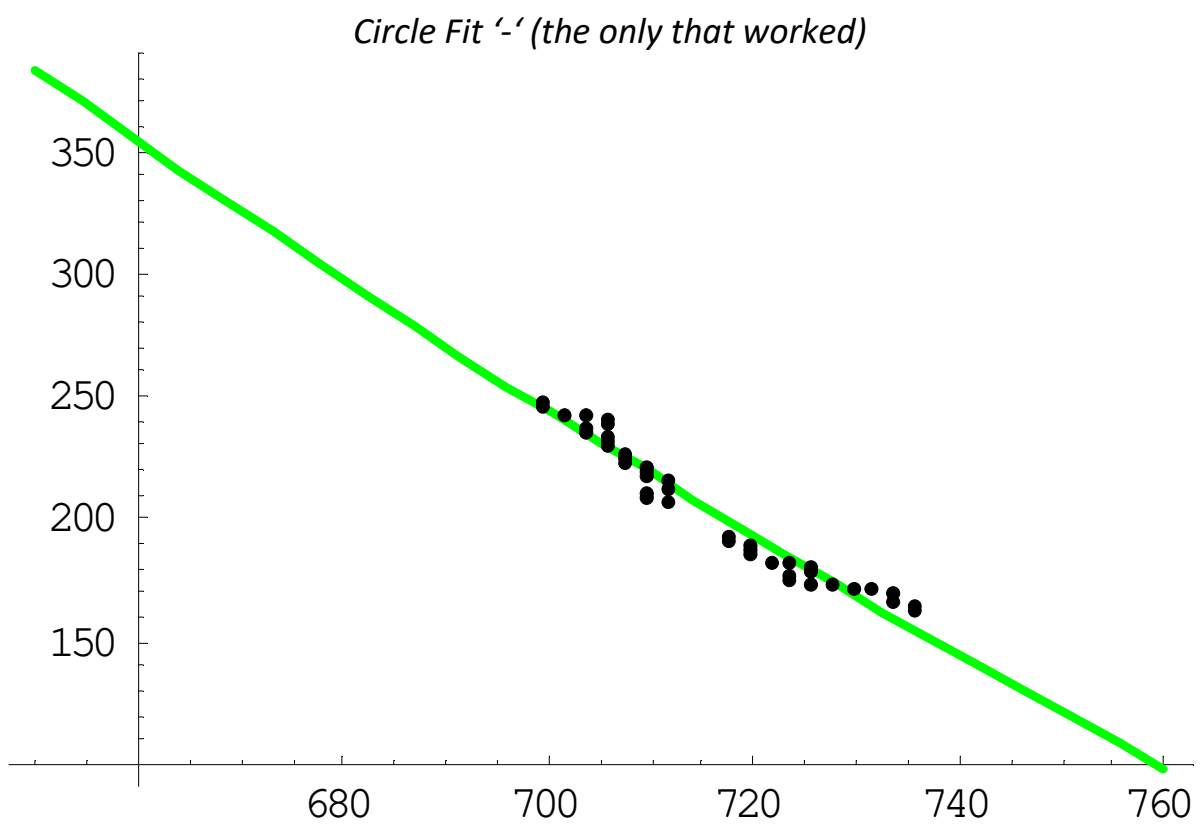
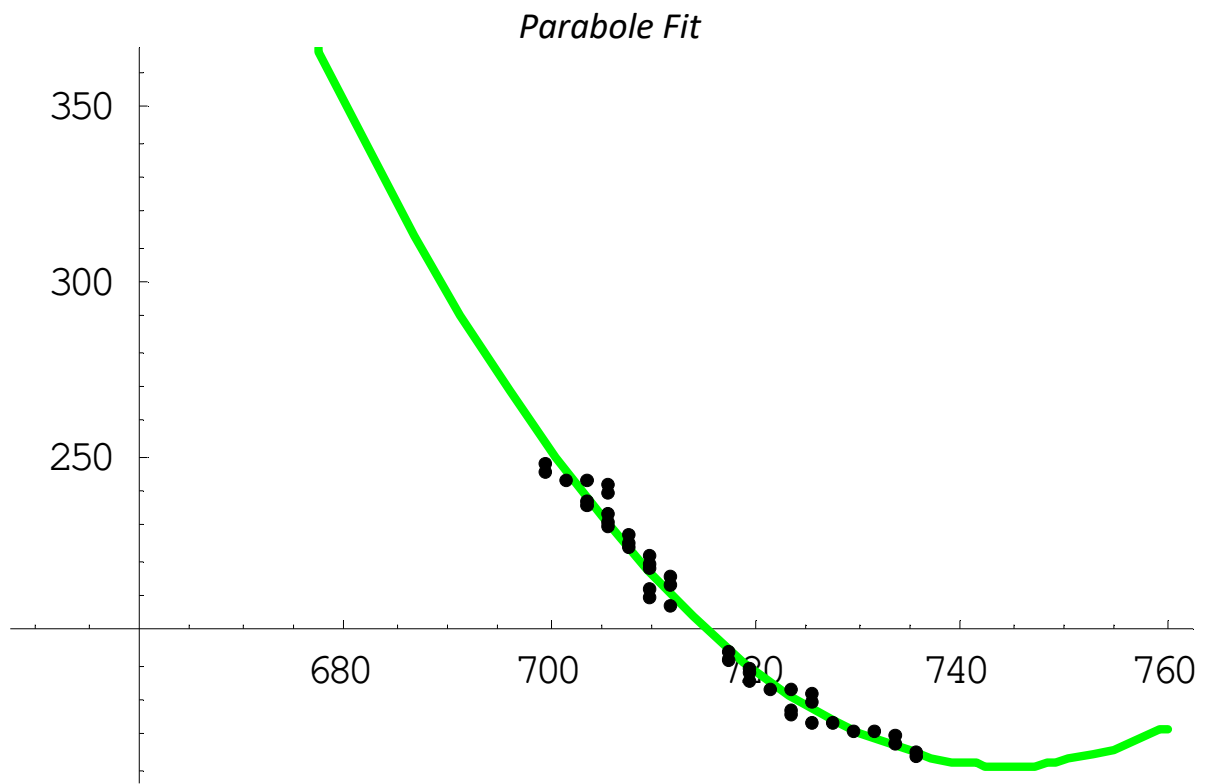


Trail + Contour 1x1



Trail + Contour 2x2

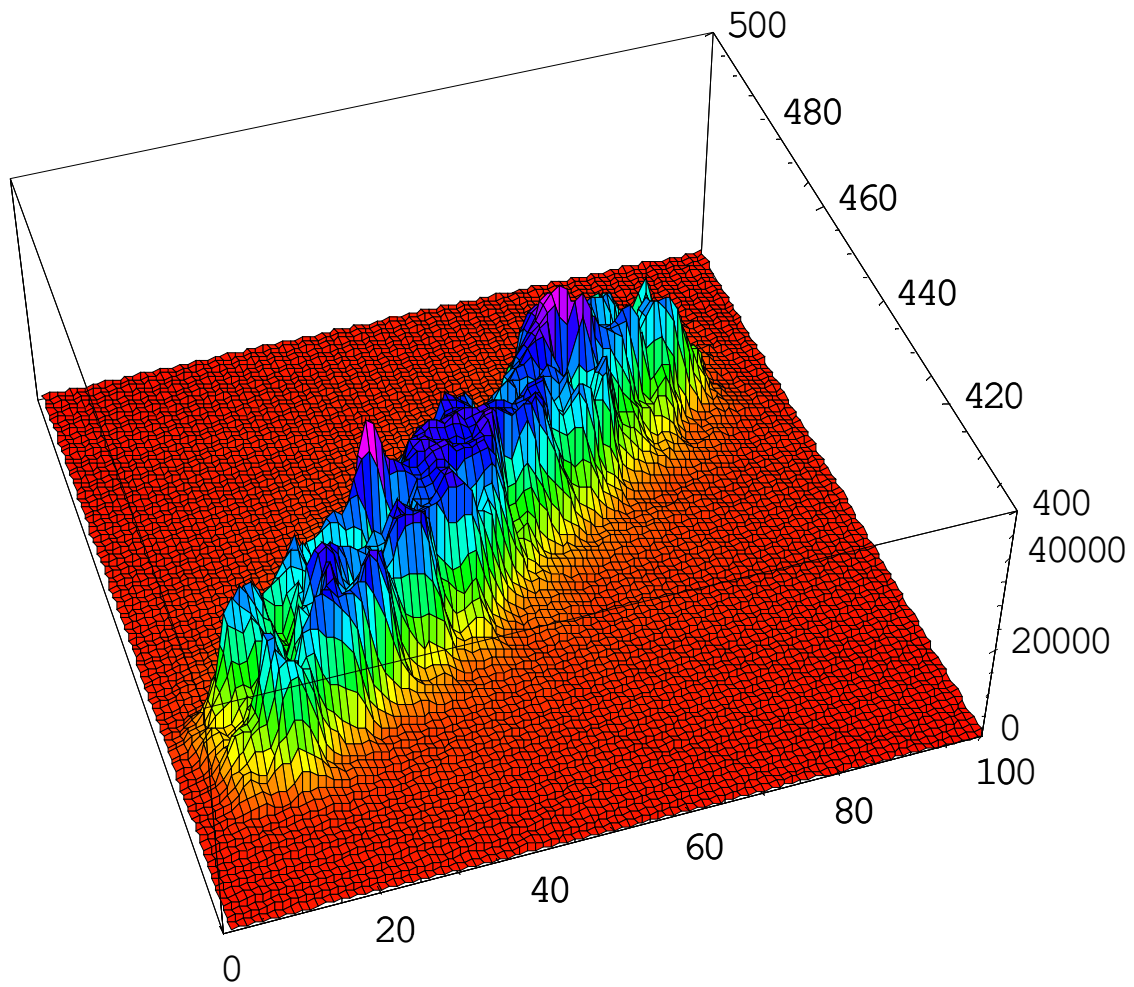




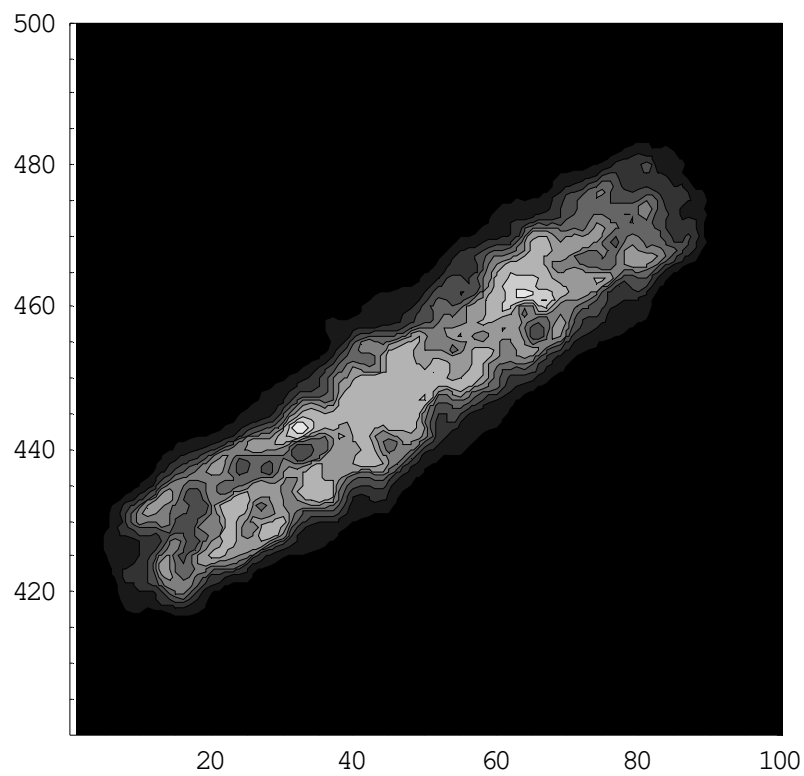
19-07-2008

B1 - ACHADA DO TEIXEIRA

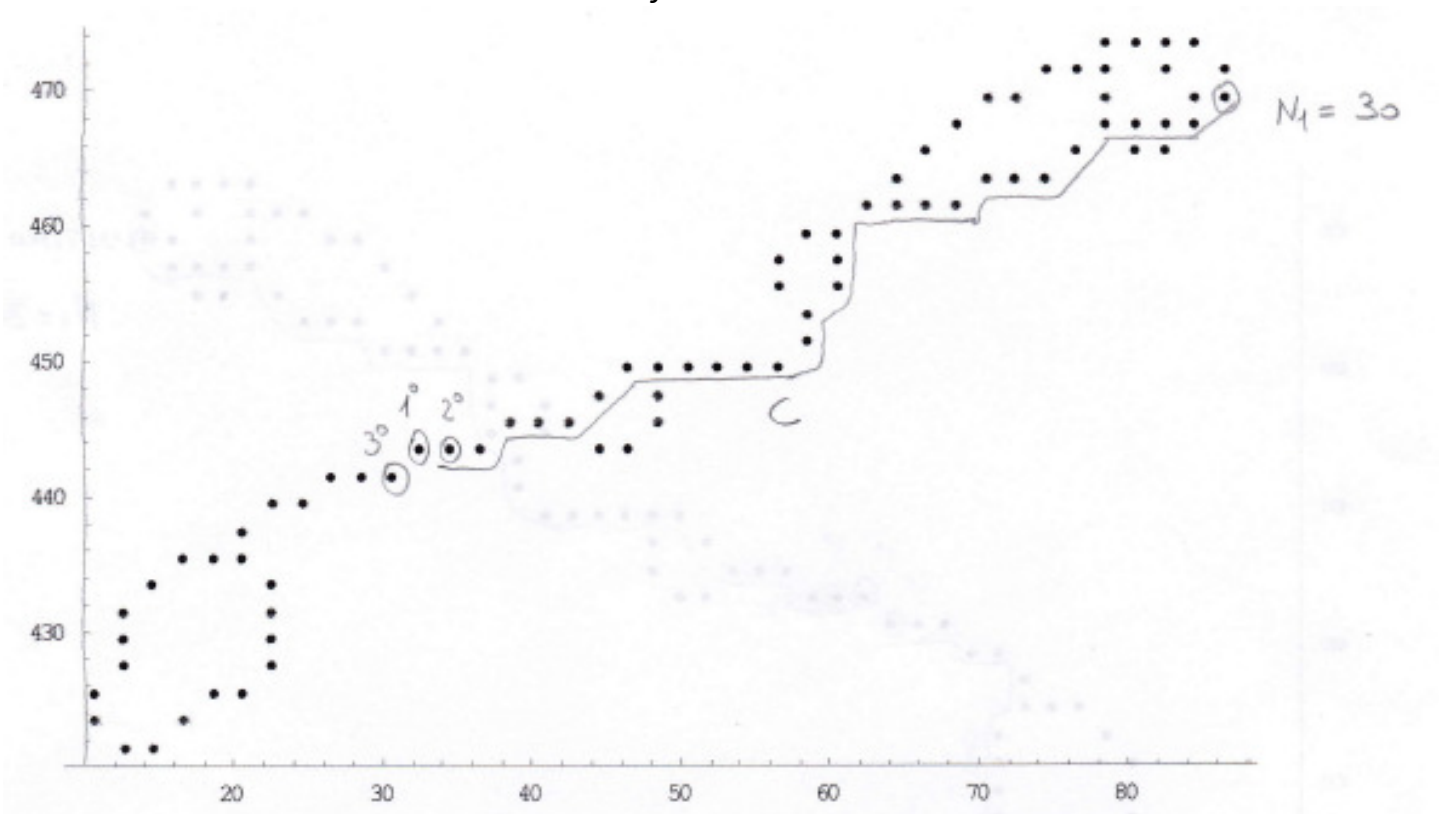
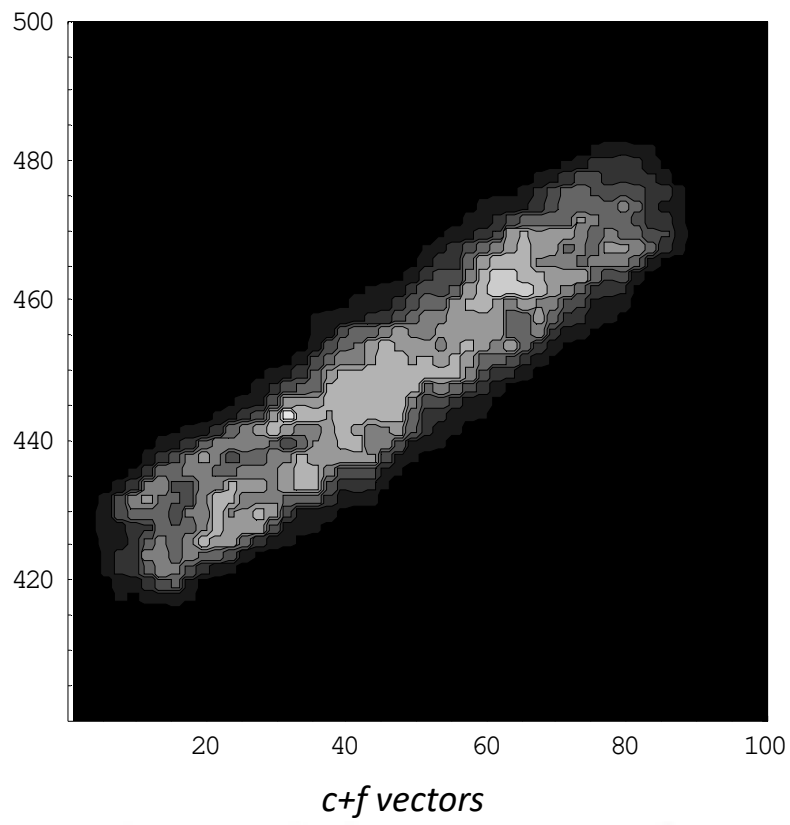
Trail 3D

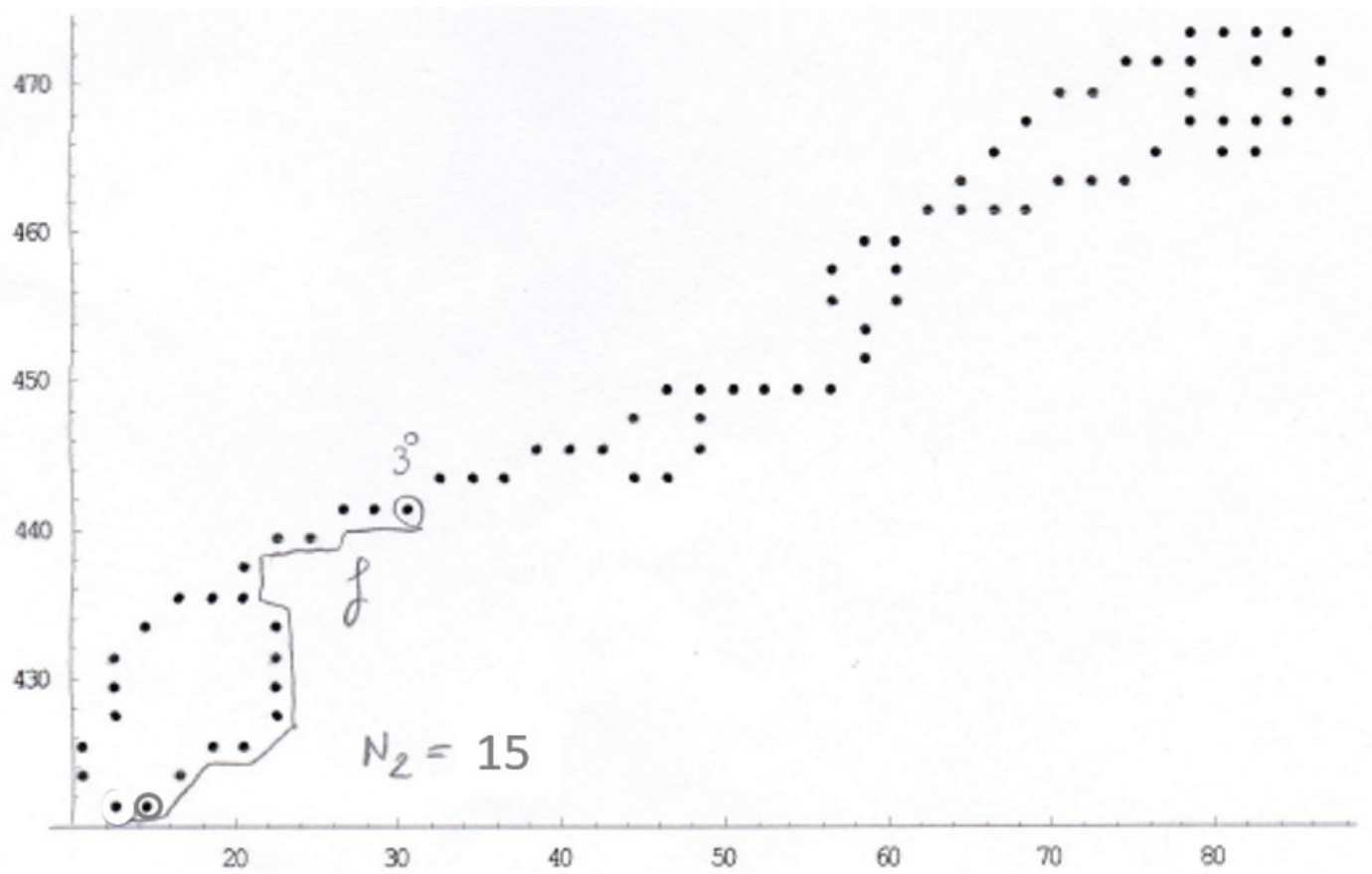


Contour 1x1

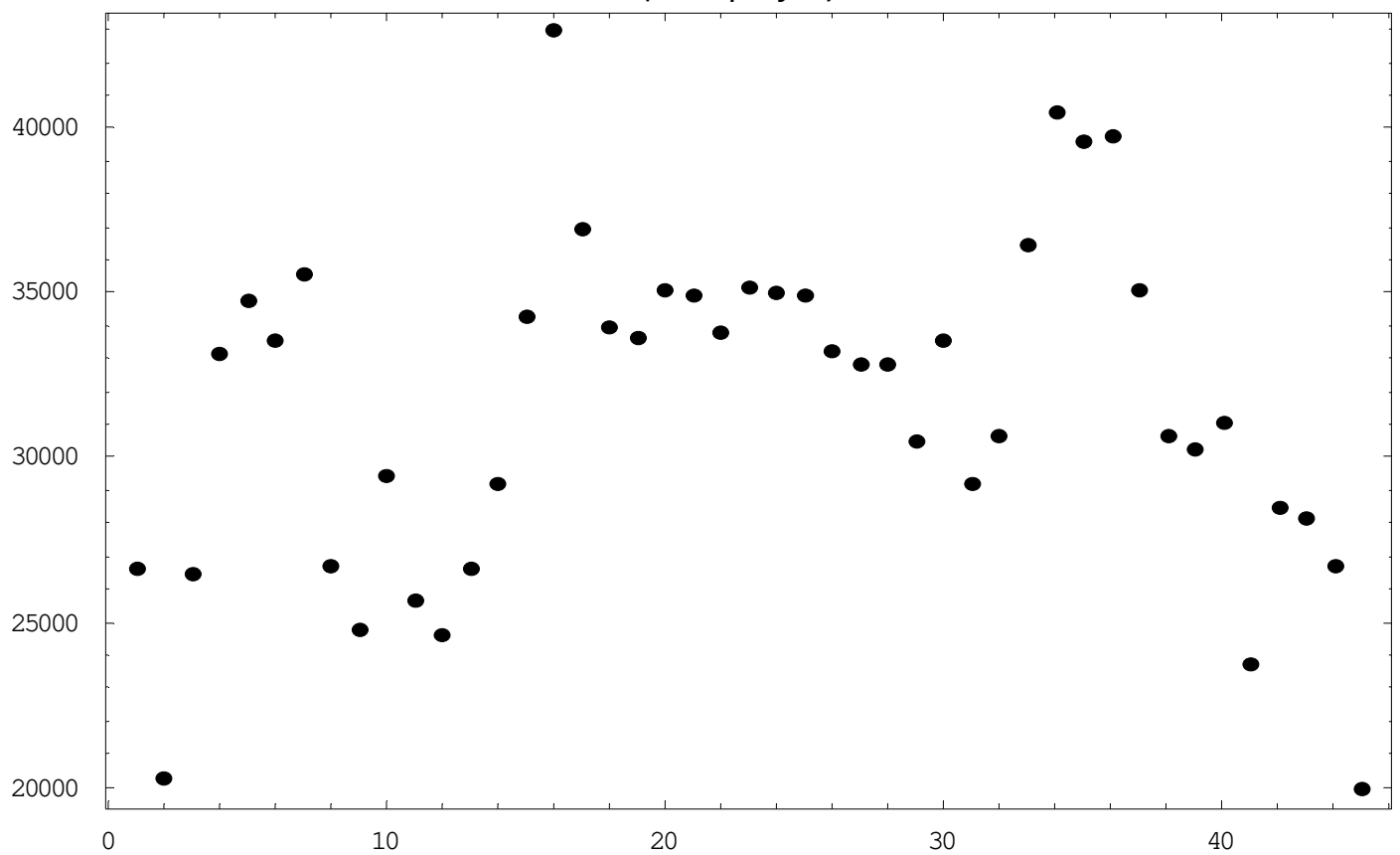


Contour 2x2

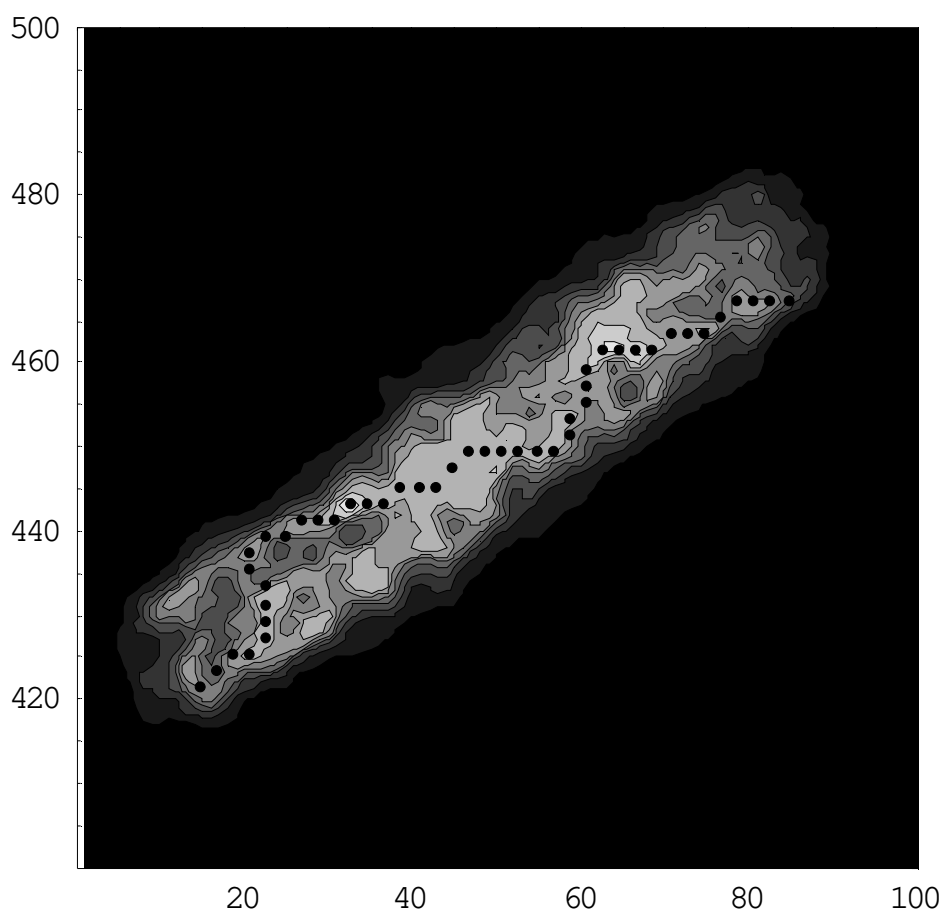




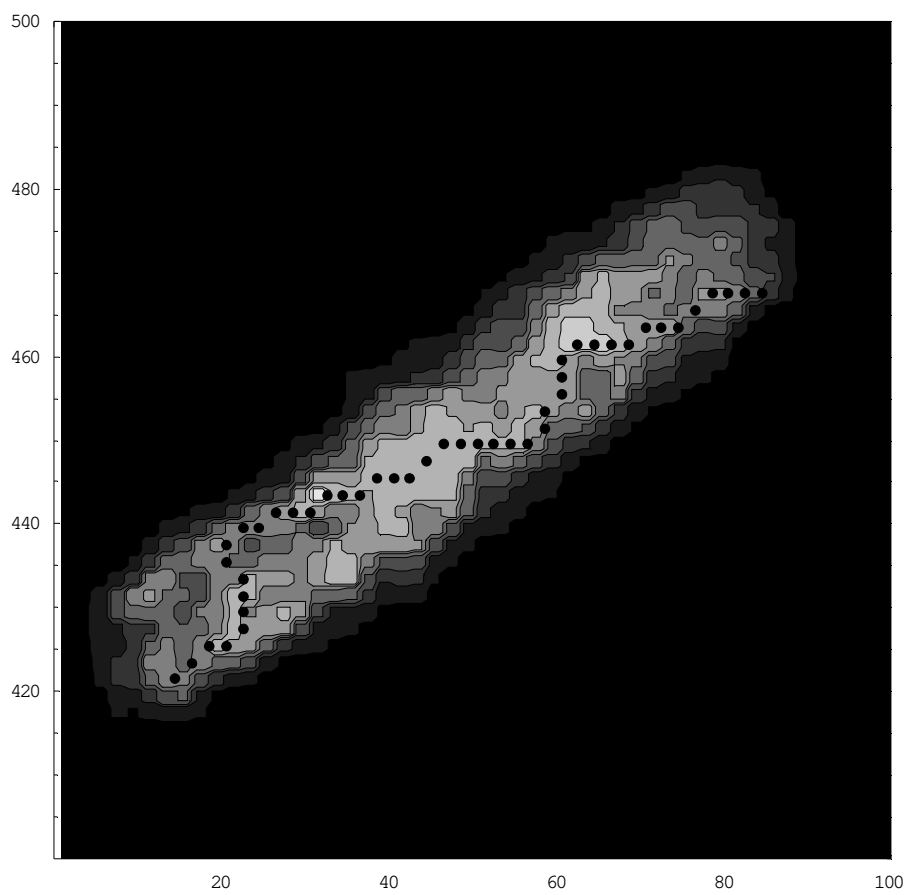
Trail (ADU profile)



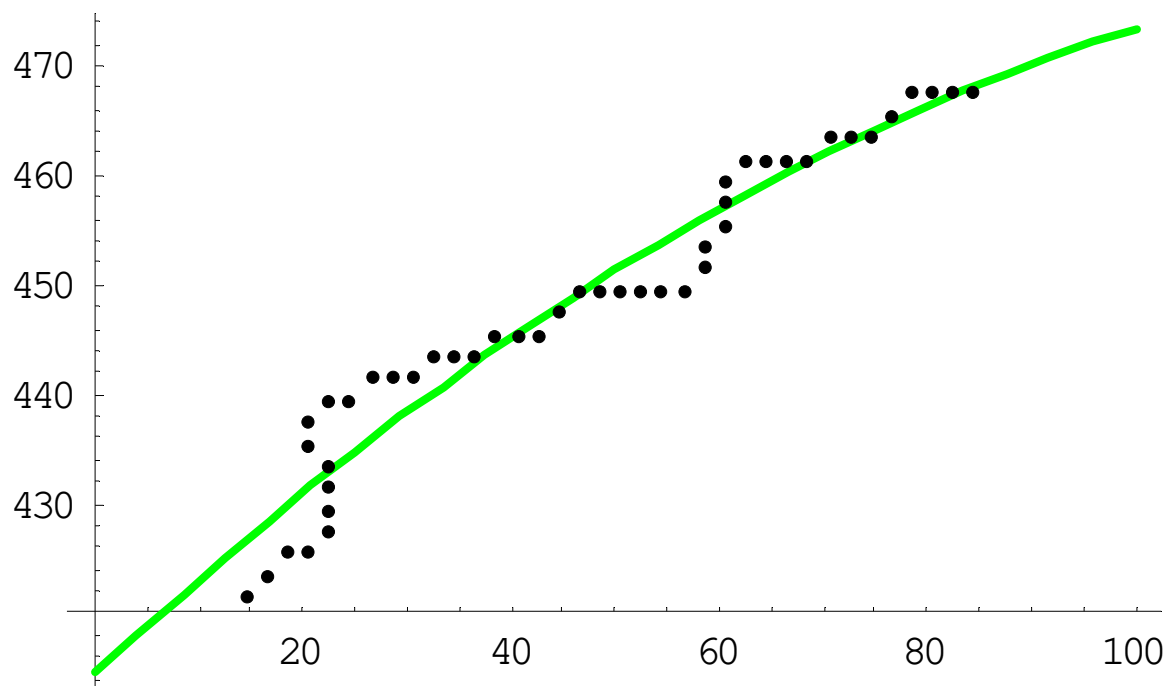
Trail + Contour 1x1



Trail + Contour 2x2



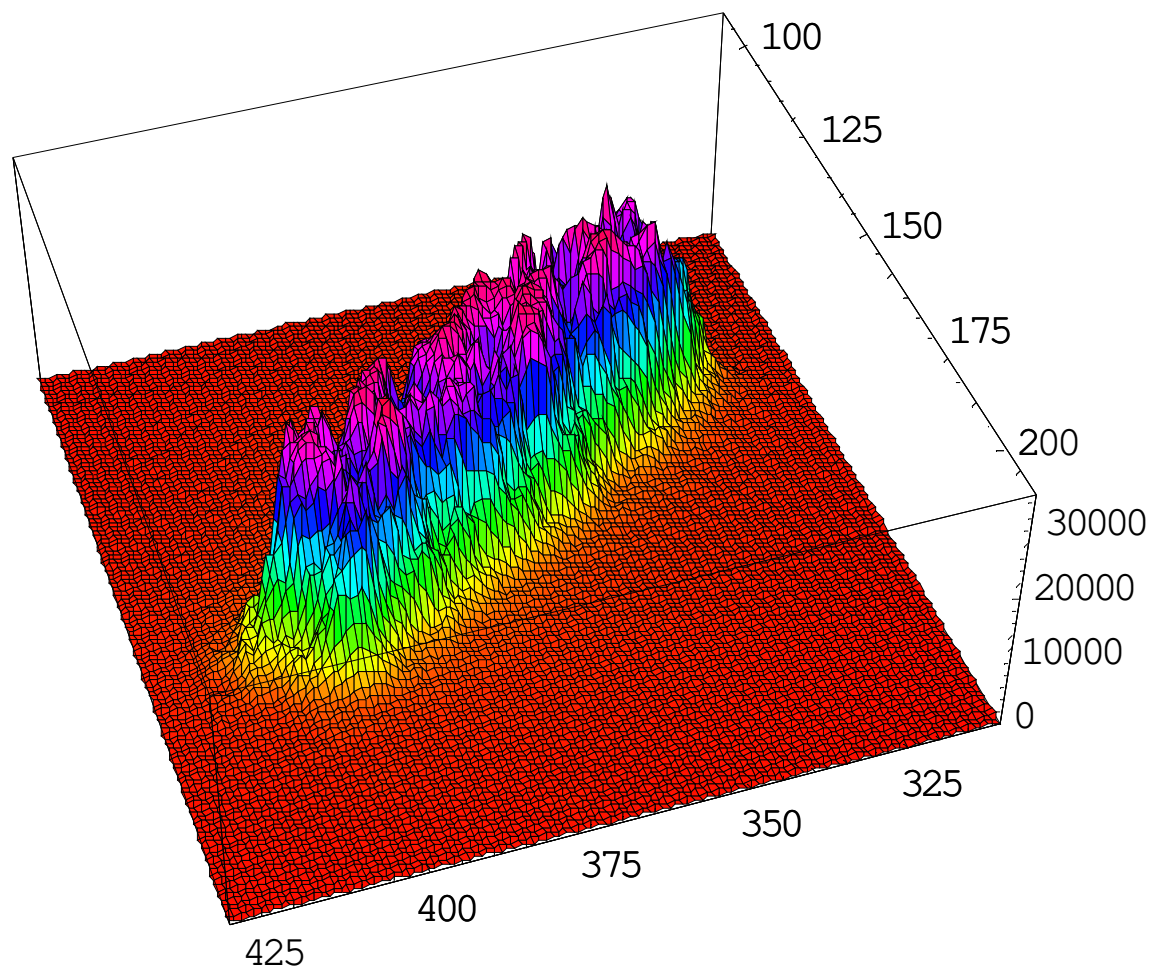
Parabole Fit



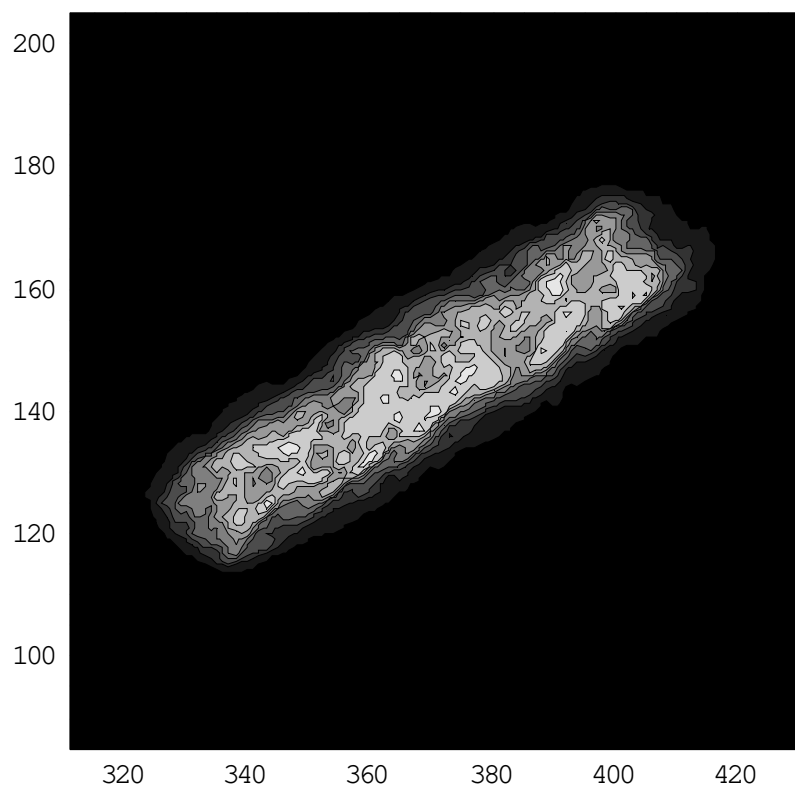
19-07-2008

B3 - PICO RUIVO DE SANTANA (with lobe work)

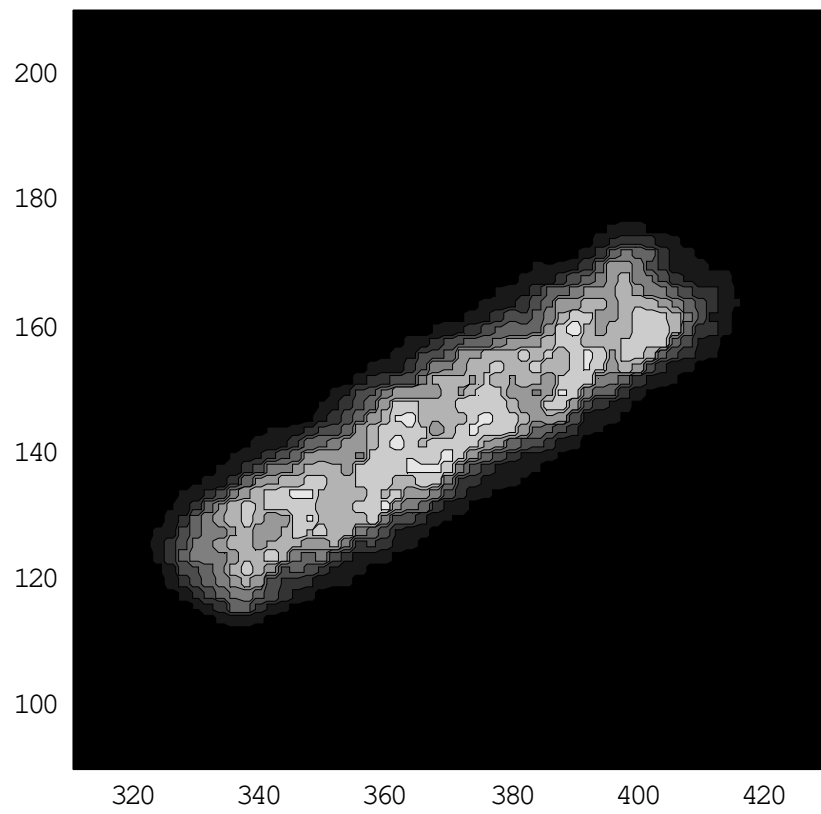
Trail 3D



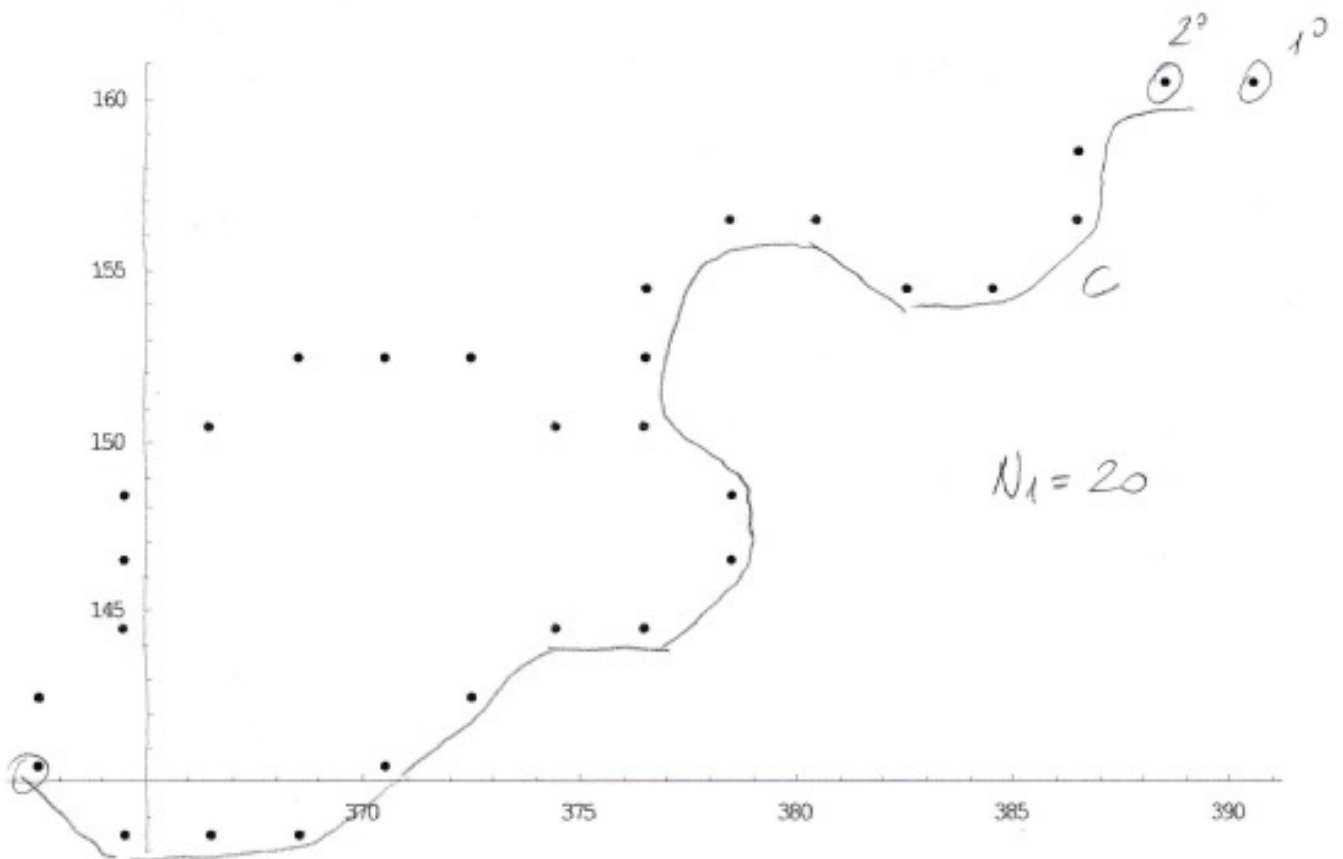
Contour 1x1

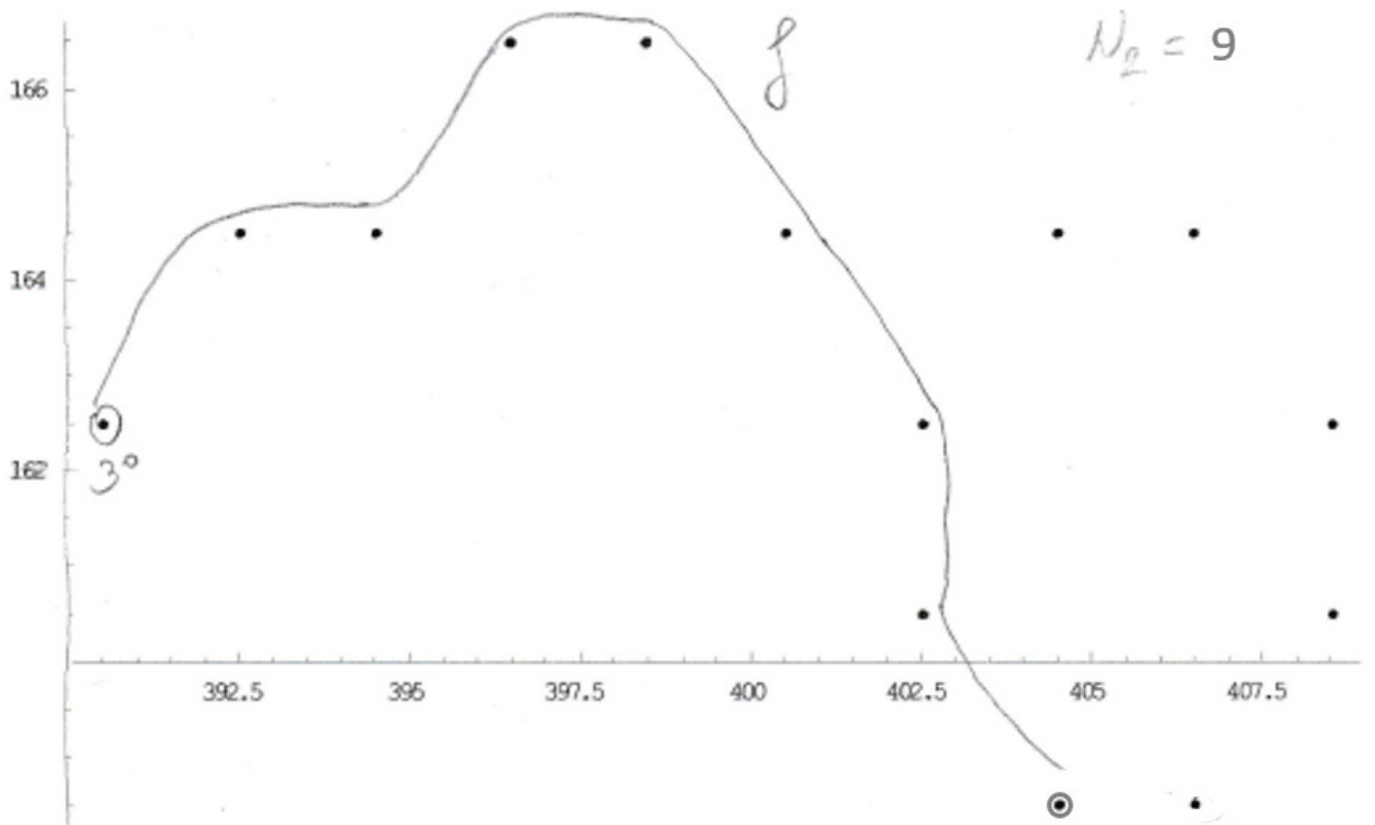


Contour 2x2

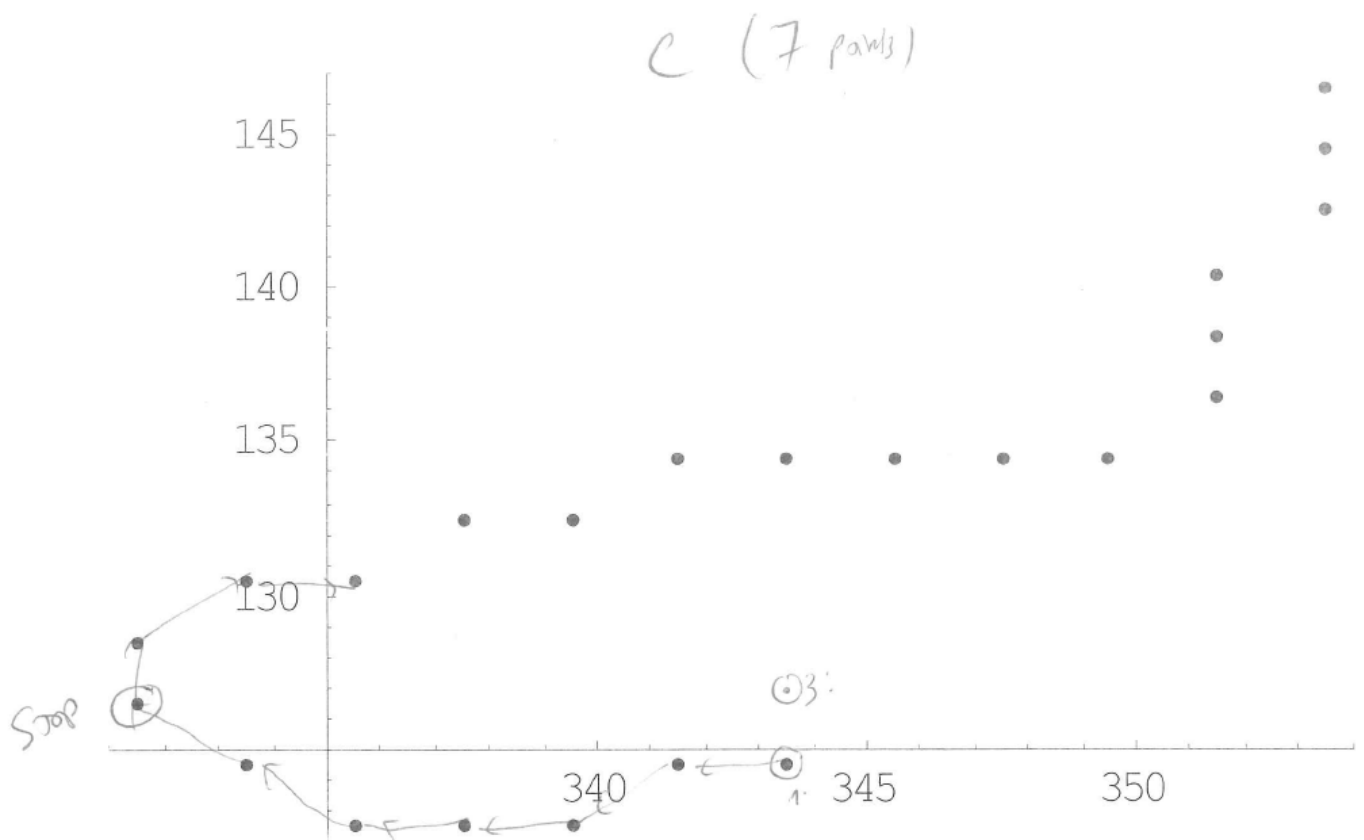


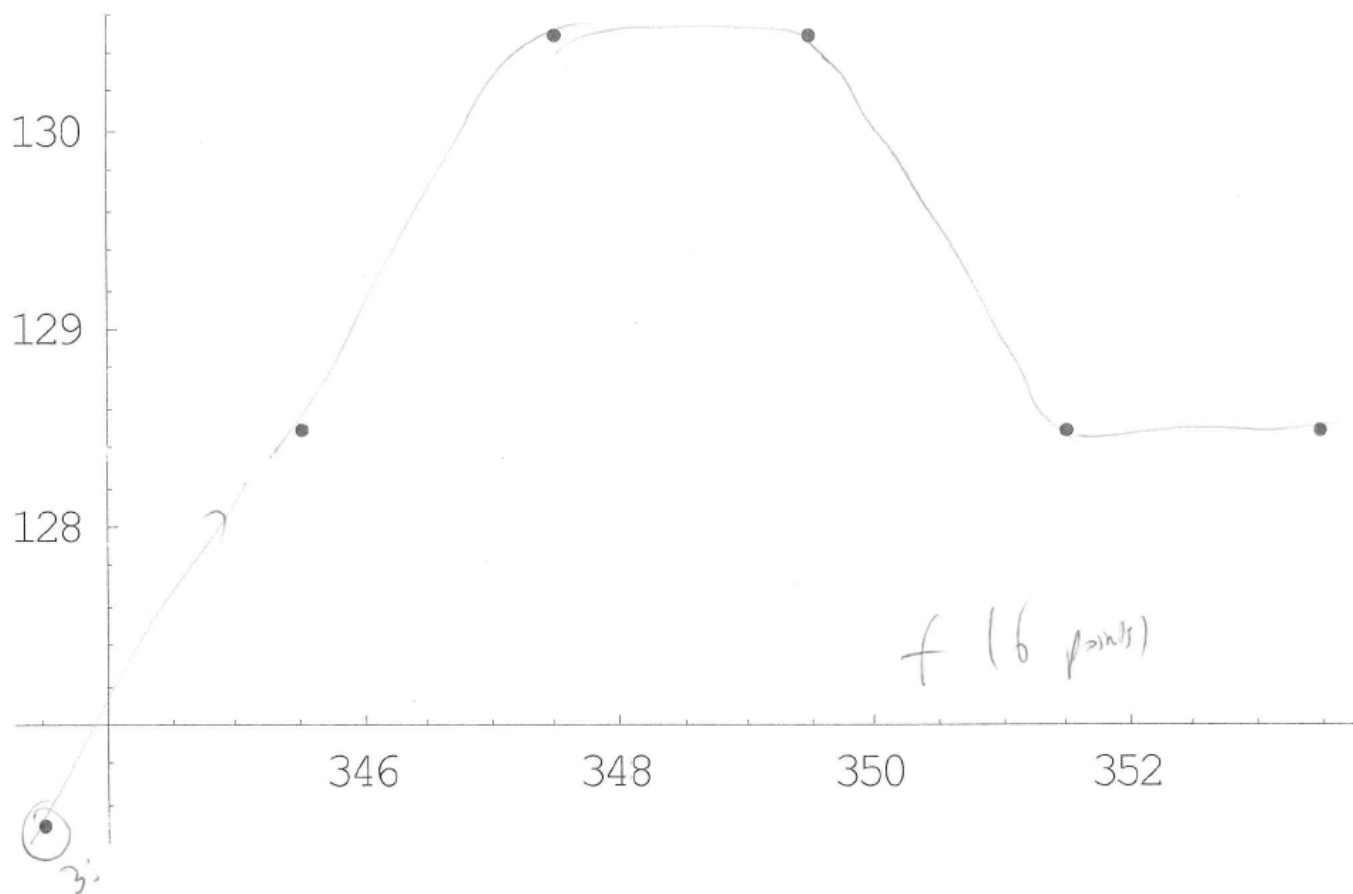
c+f vectors (main)



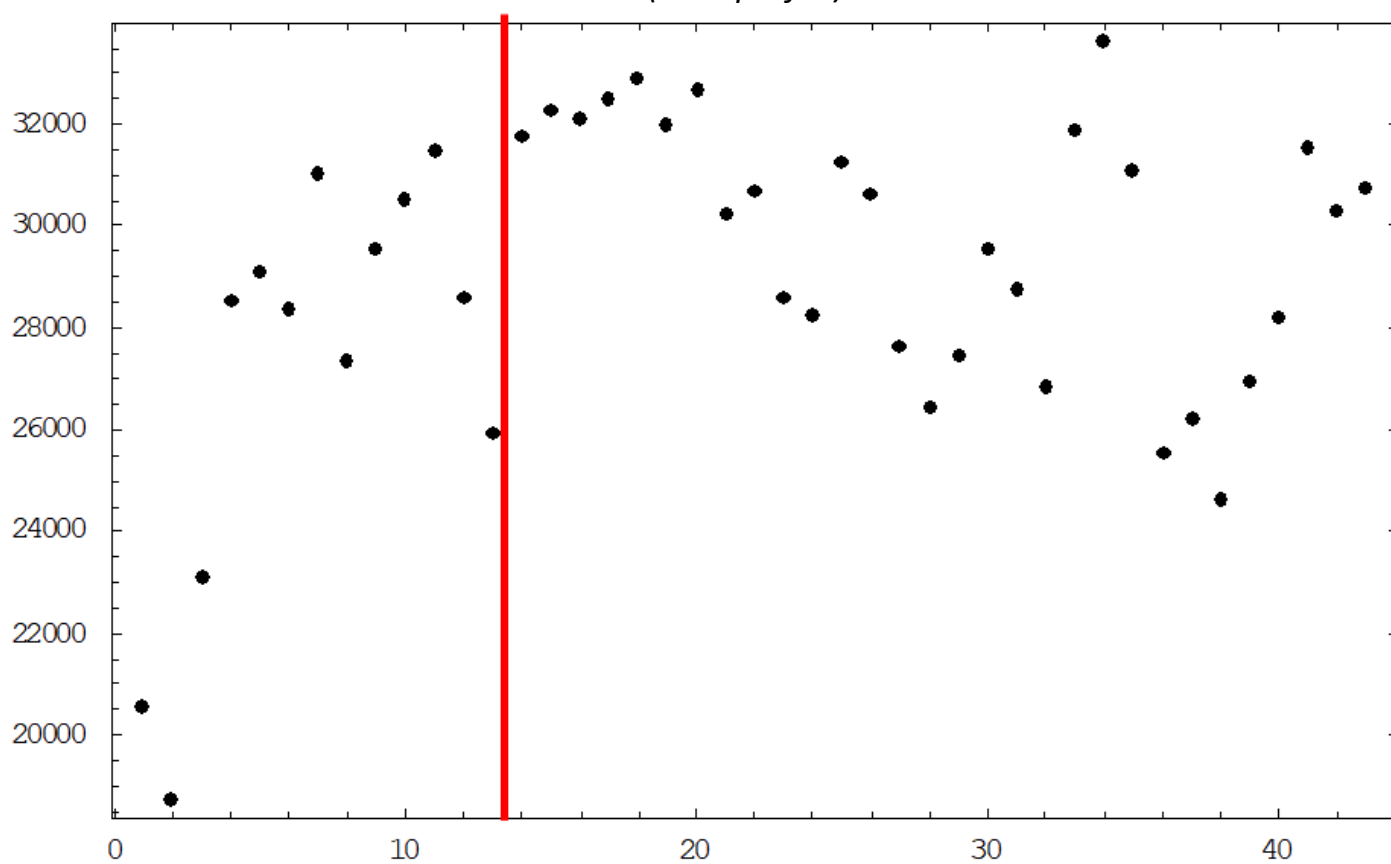


c+f vectors (lobe)

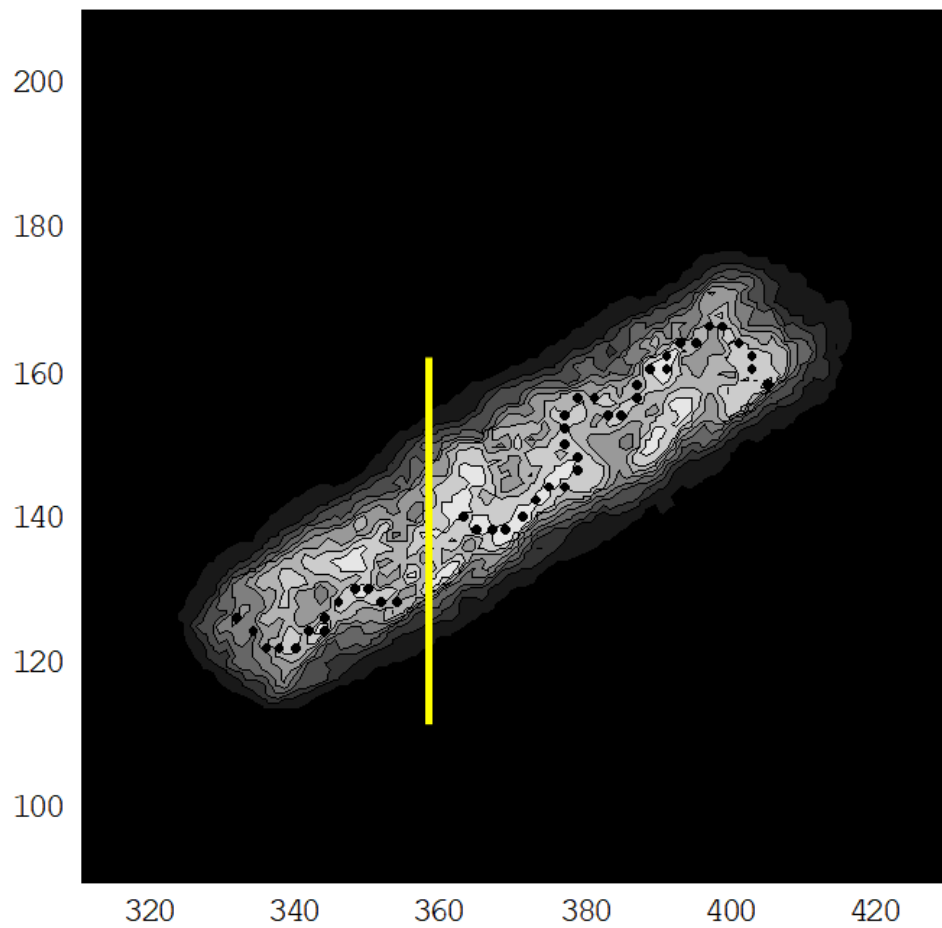




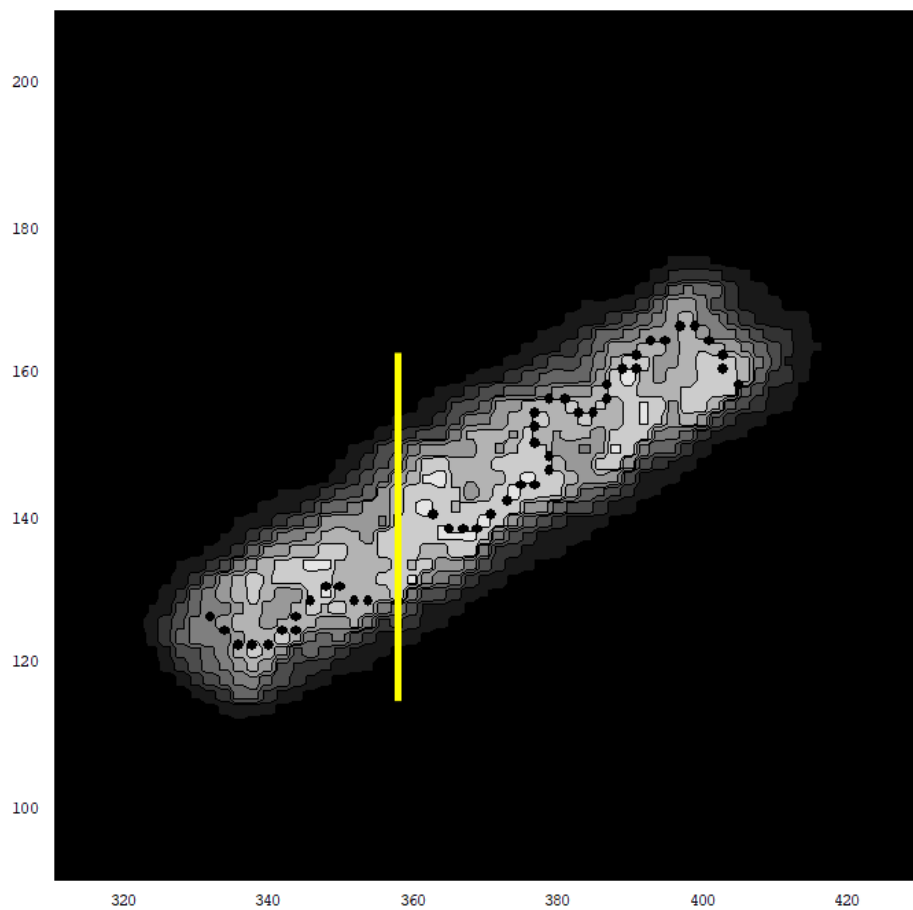
Trail (ADU profile)



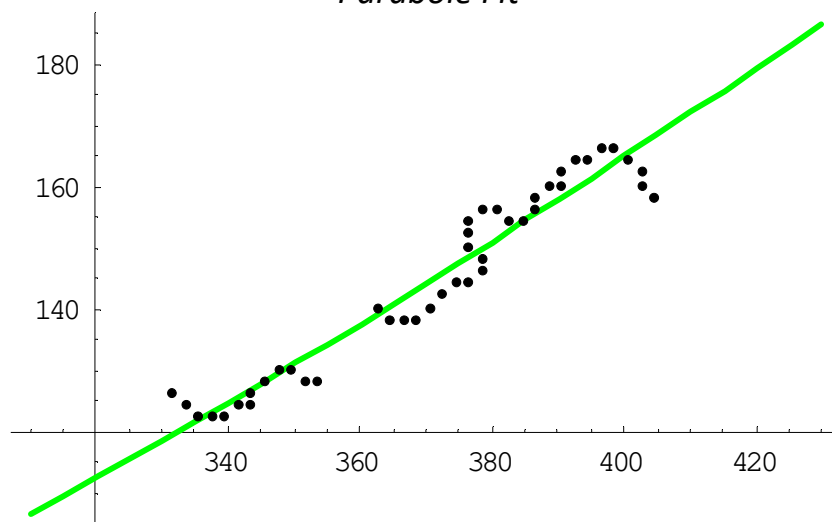
Trail + Contour 1x1



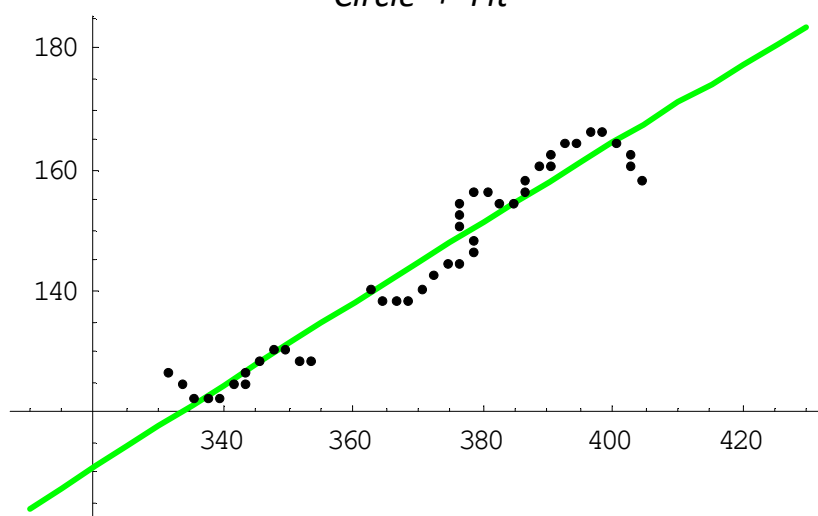
Trail + Contour 2x2



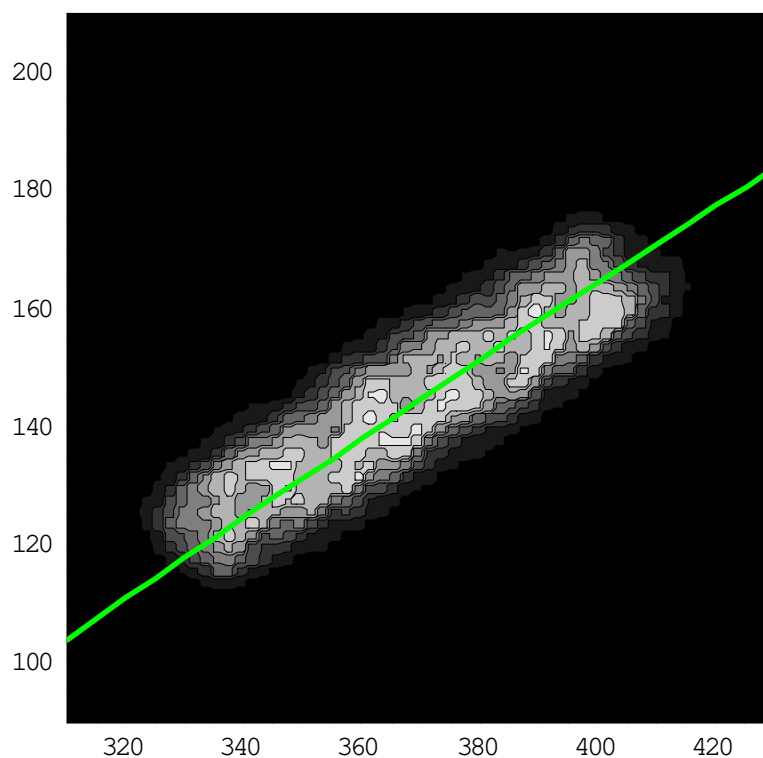
Parabole Fit



Circle '+' Fit

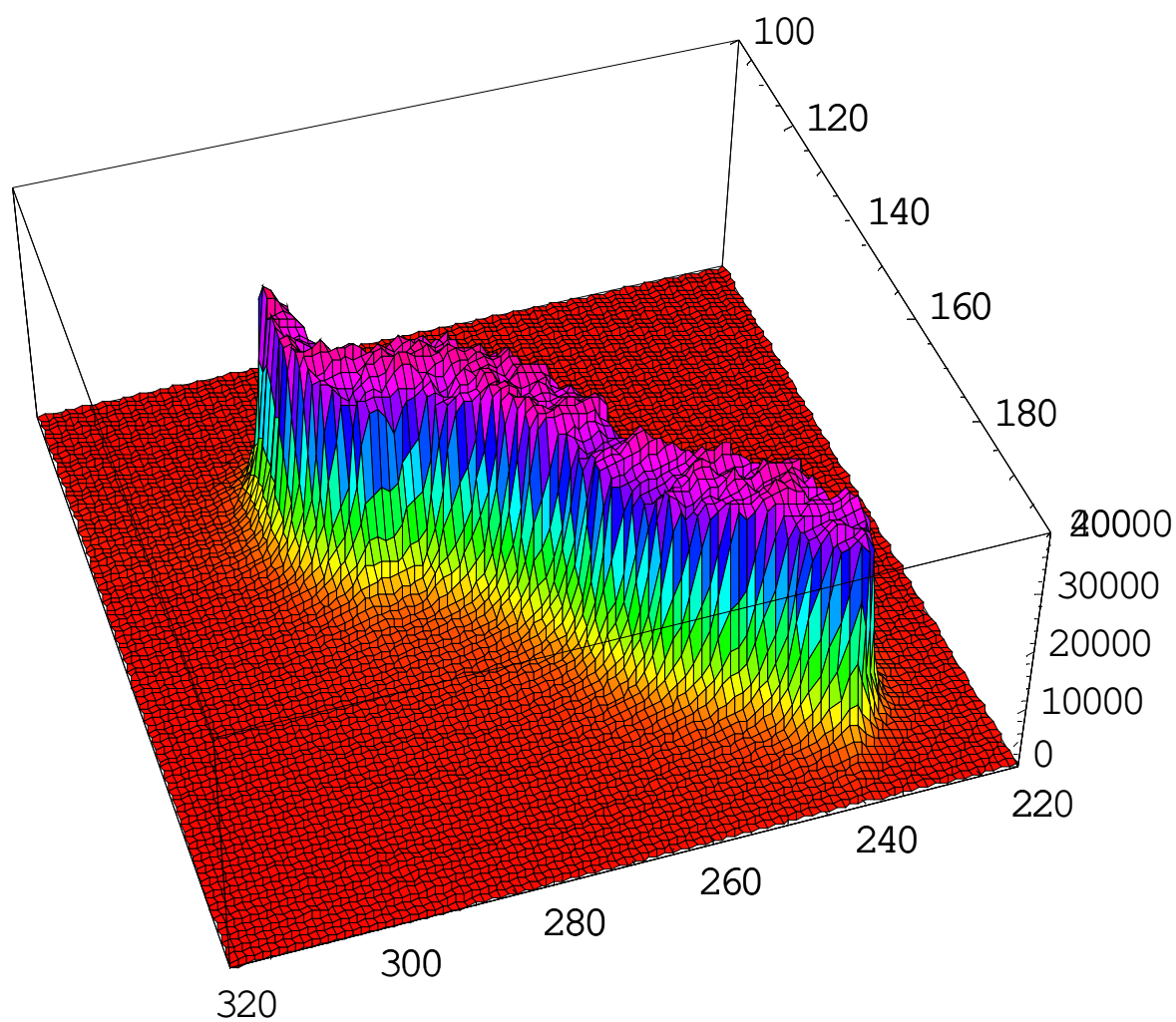


Circle '+' Fit on path

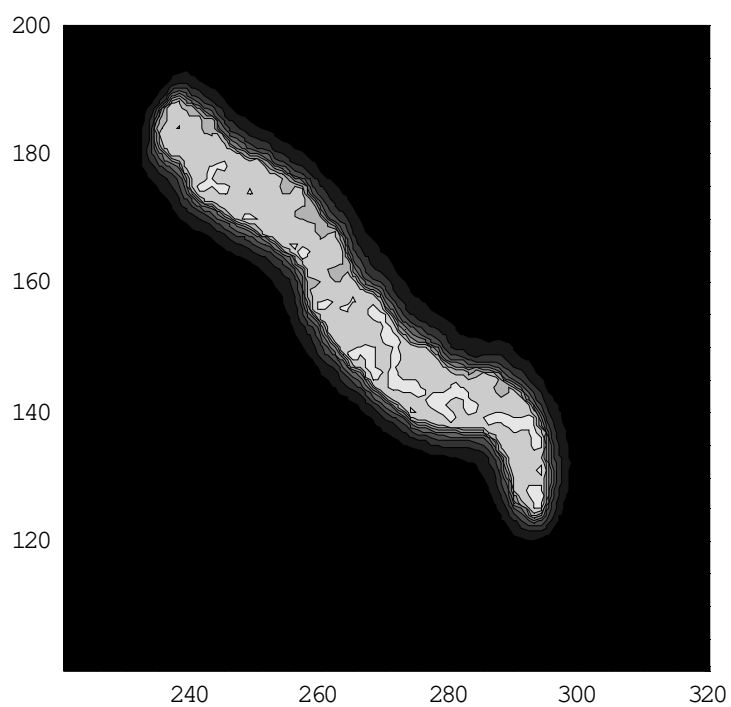


31-07-2008 A1 – JUNCAL

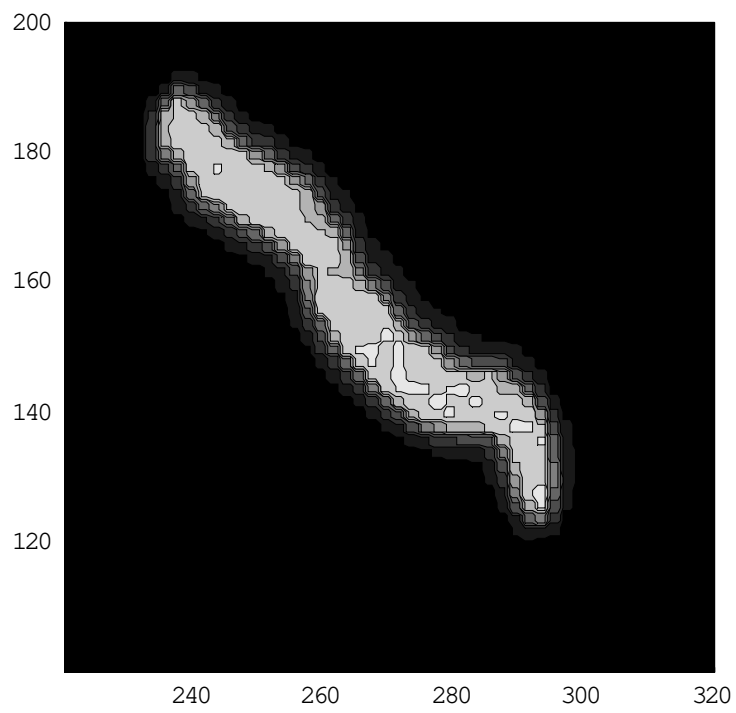
Trail 3D



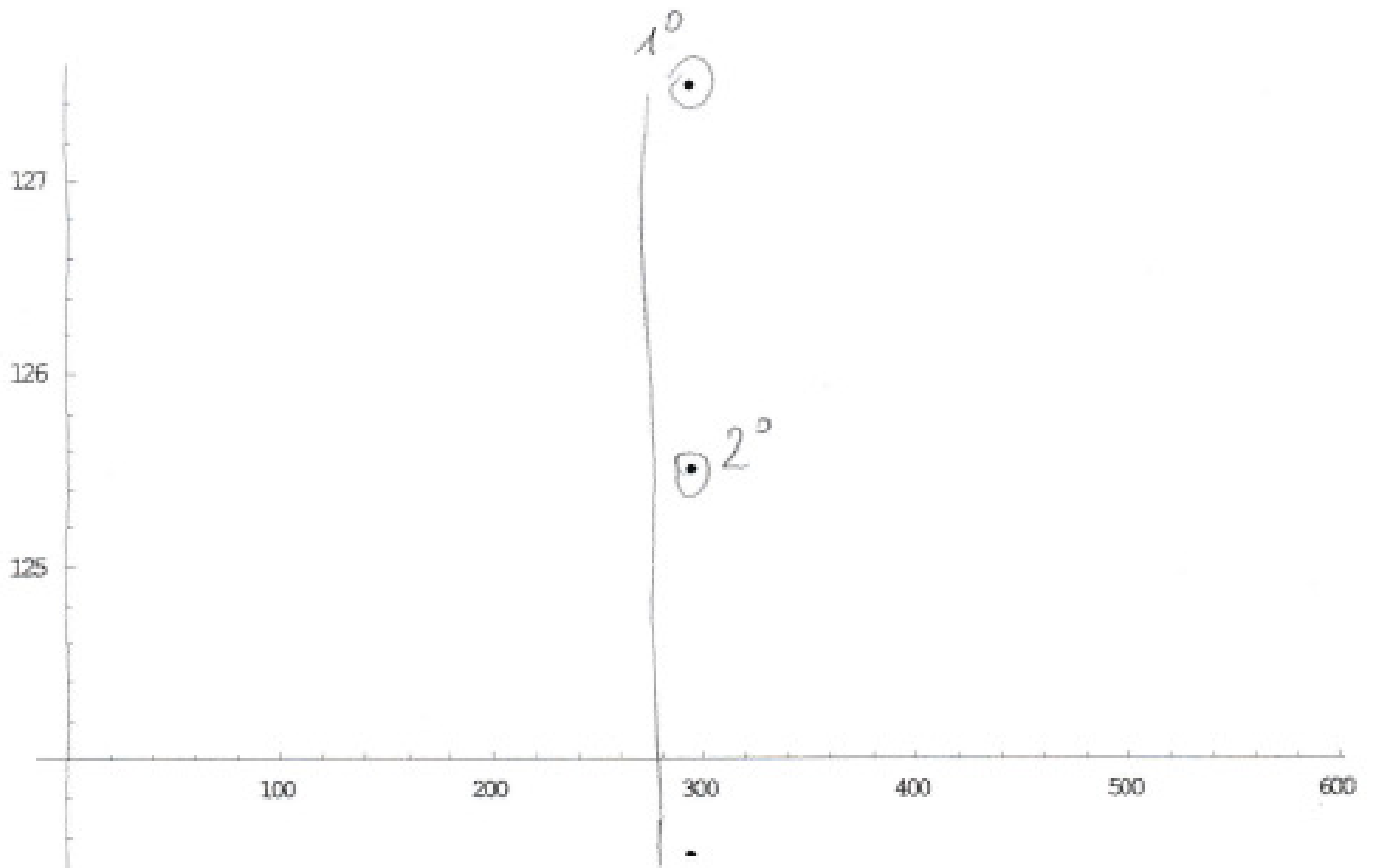
Contour 1x1

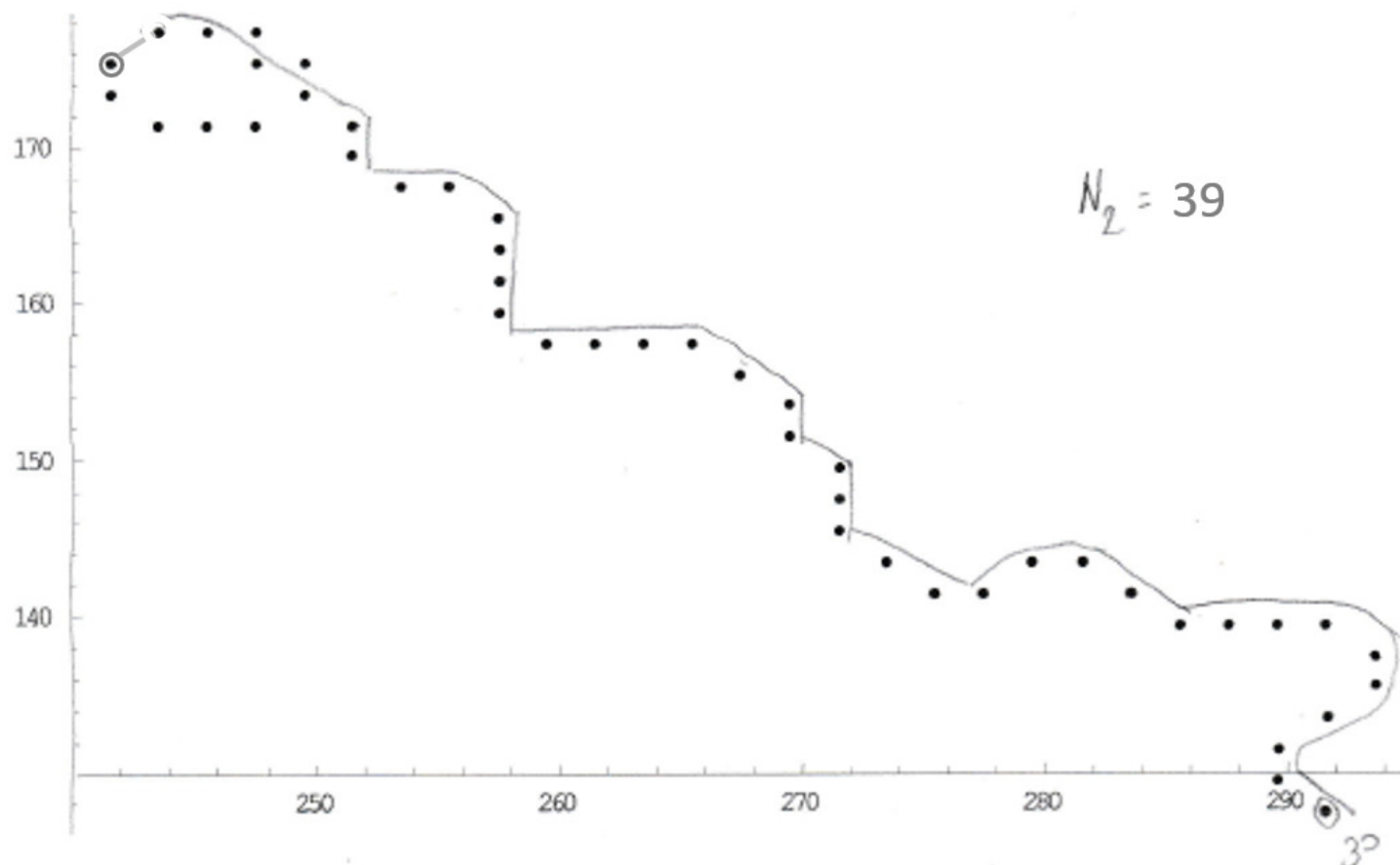


Contour 2x2

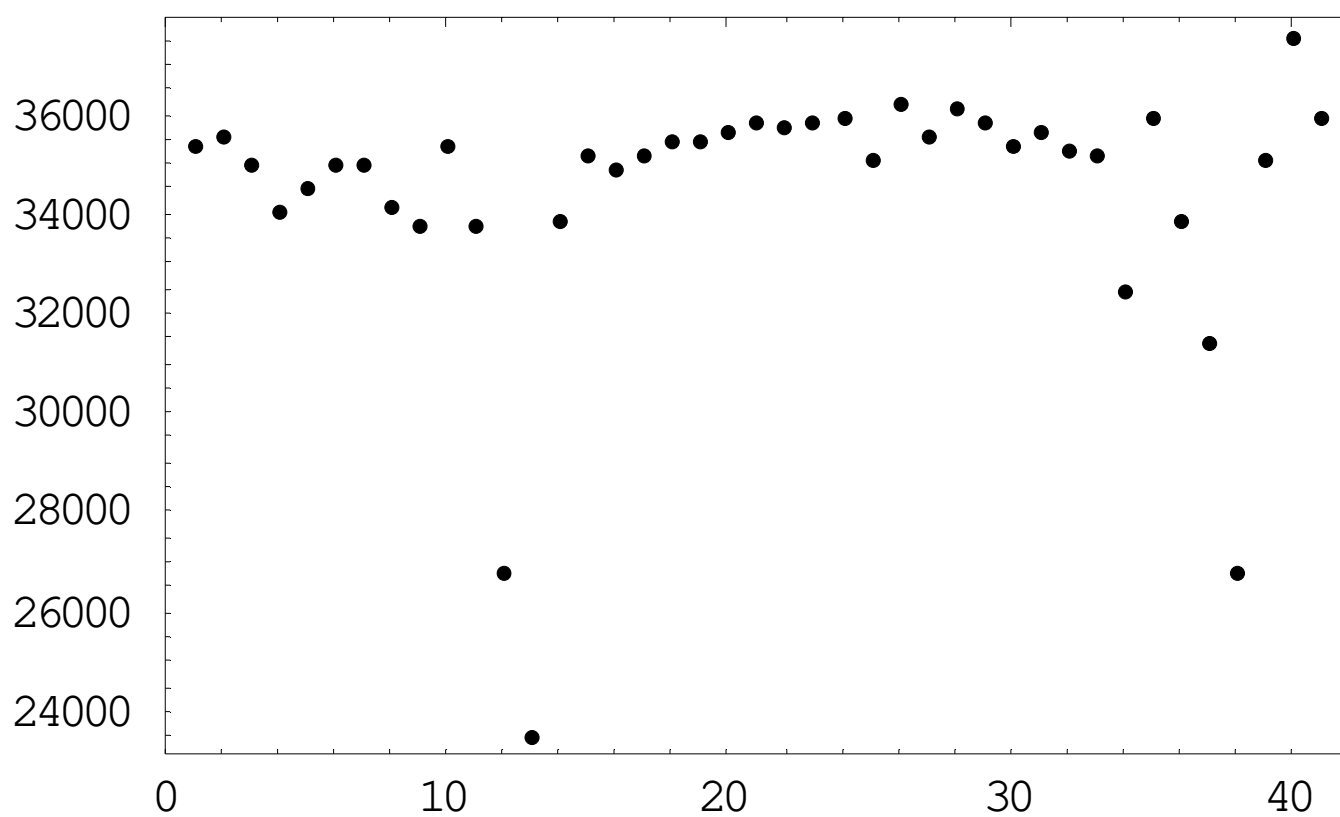


c+f vectors

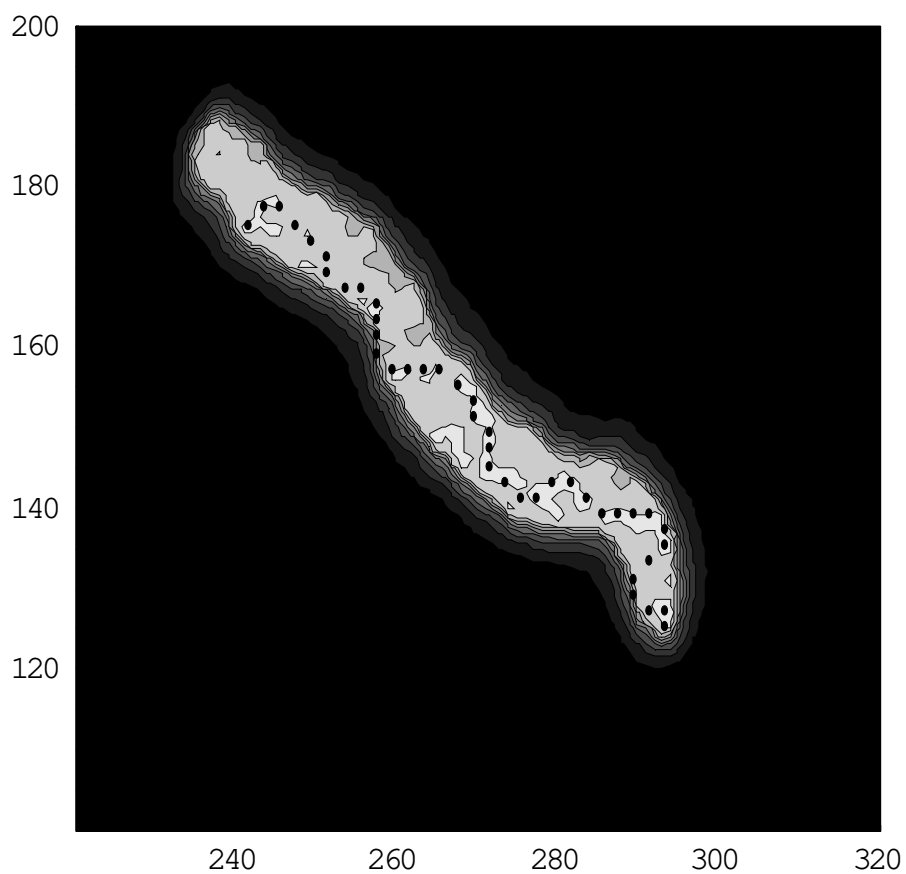




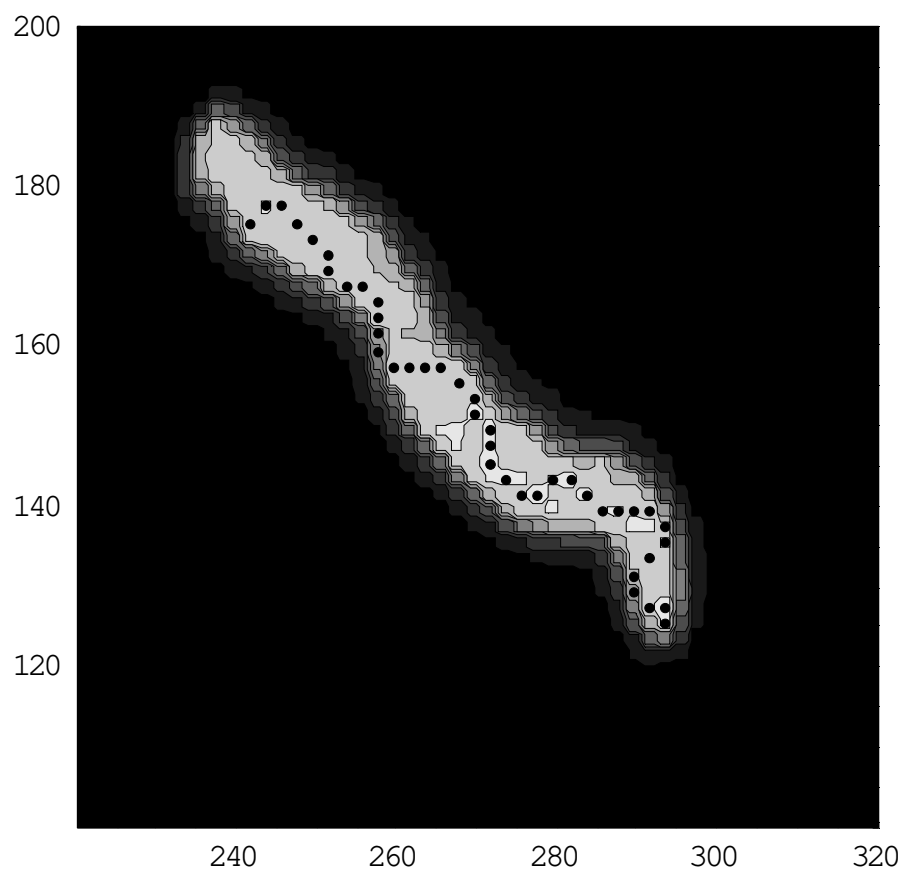
Trail (ADU profile)



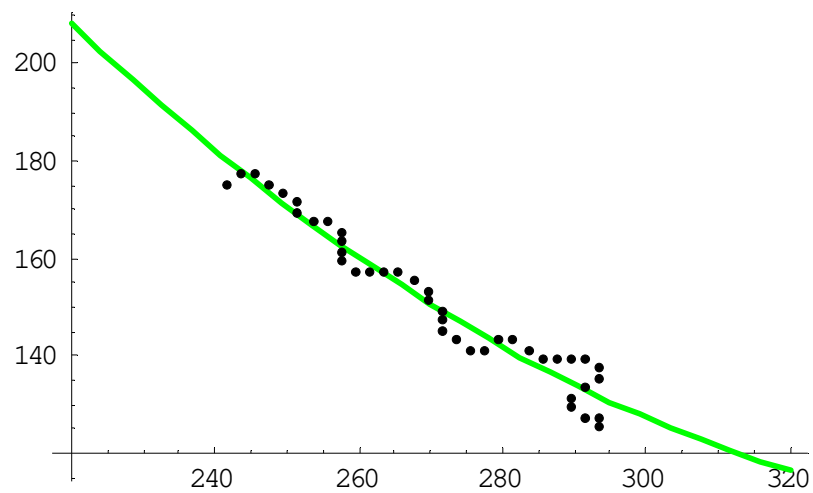
Trail + Contour 1x1



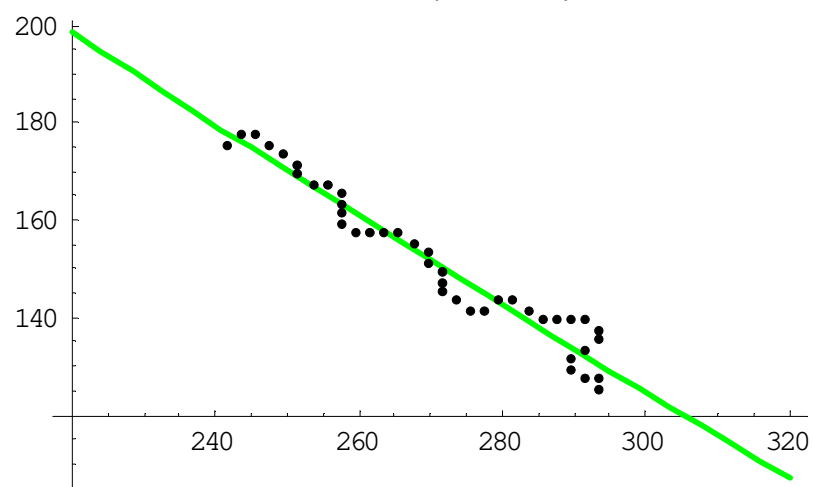
Trail + Contour 2x2



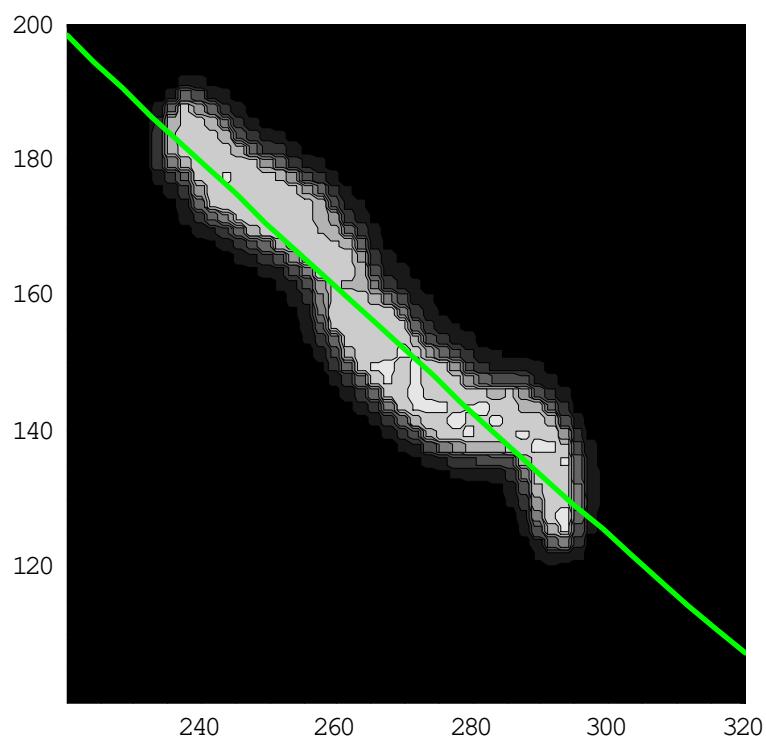
Parabole Fit



Circle '-' Fit (the best)



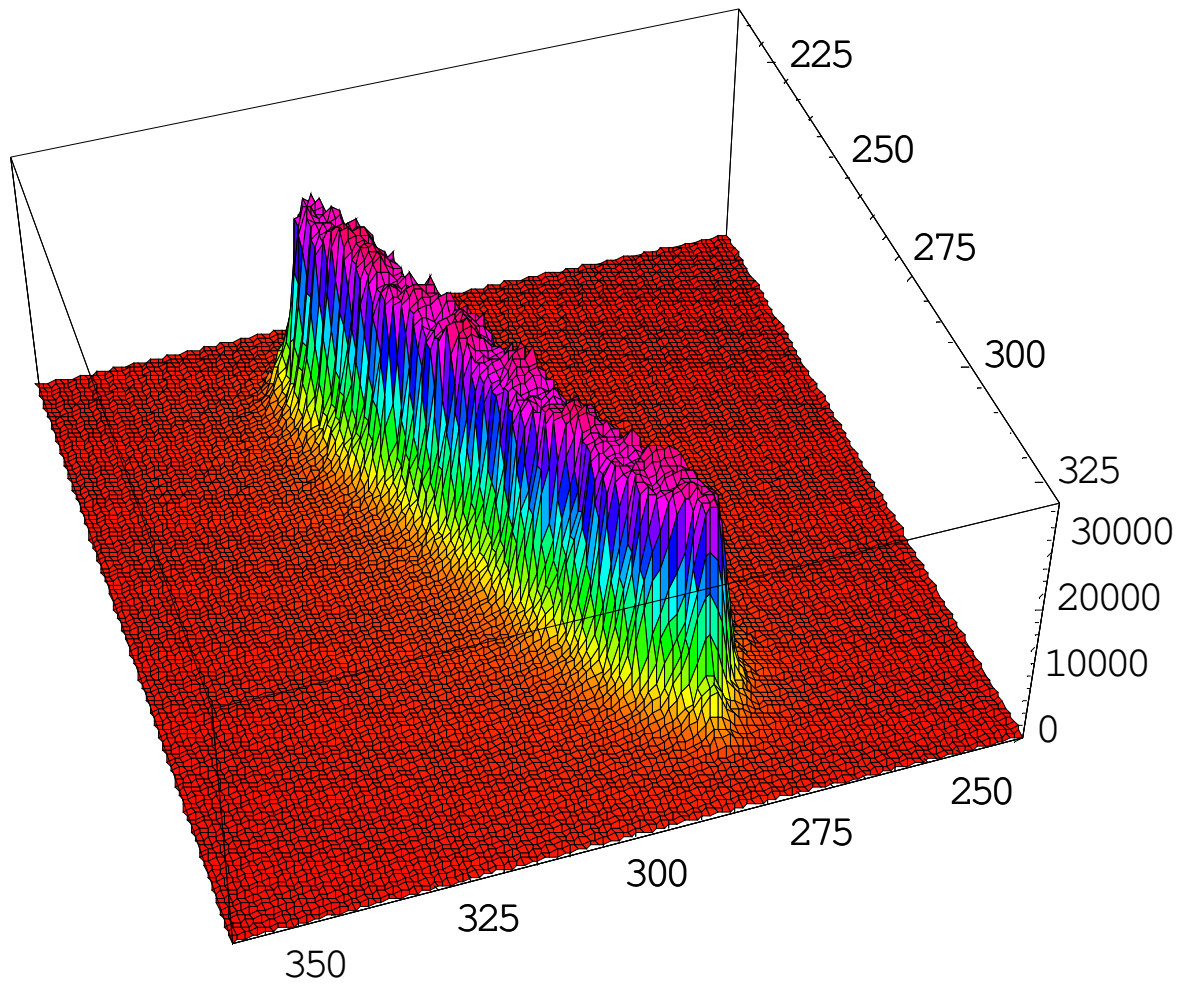
Circle '-' Fit on path



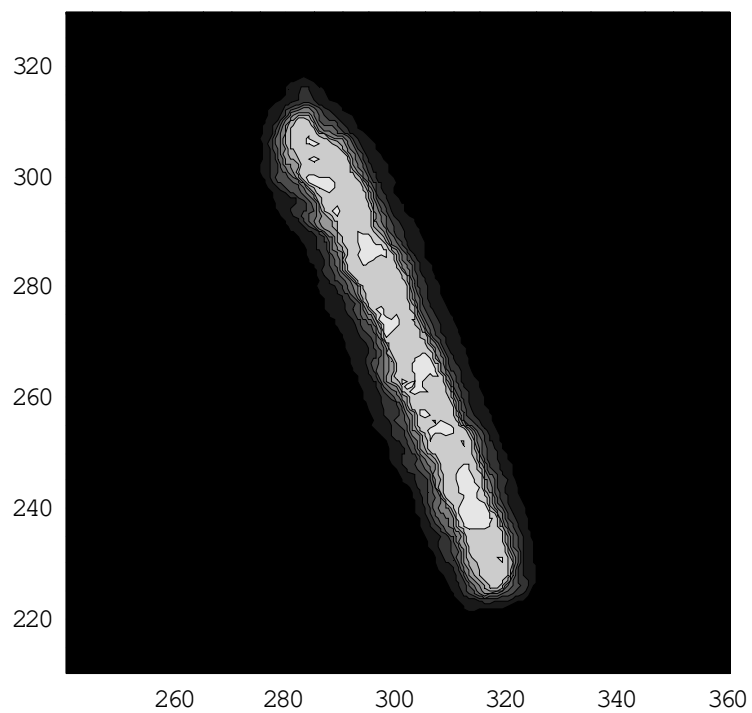
31-07-2008

A2 - ACHADA GRANDE (with "lobe work")

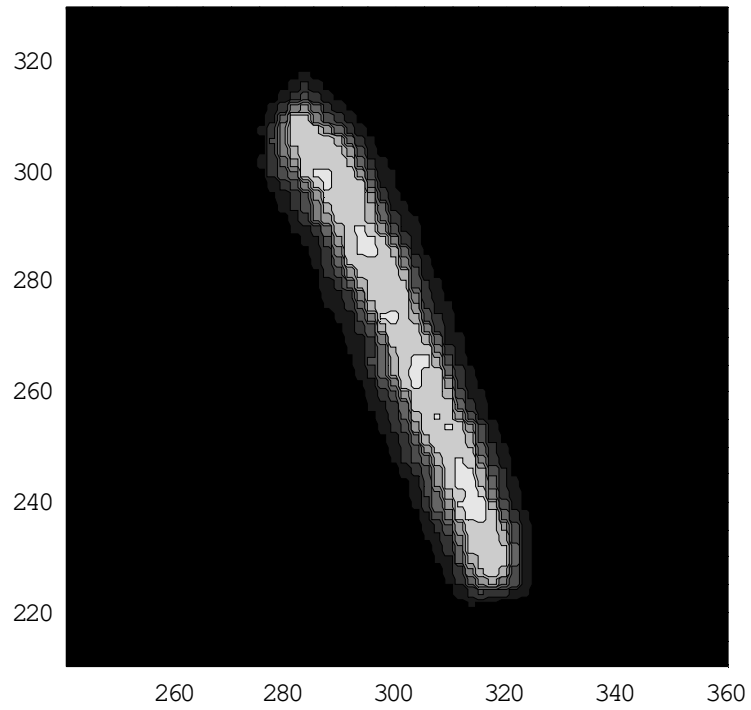
Trail 3D



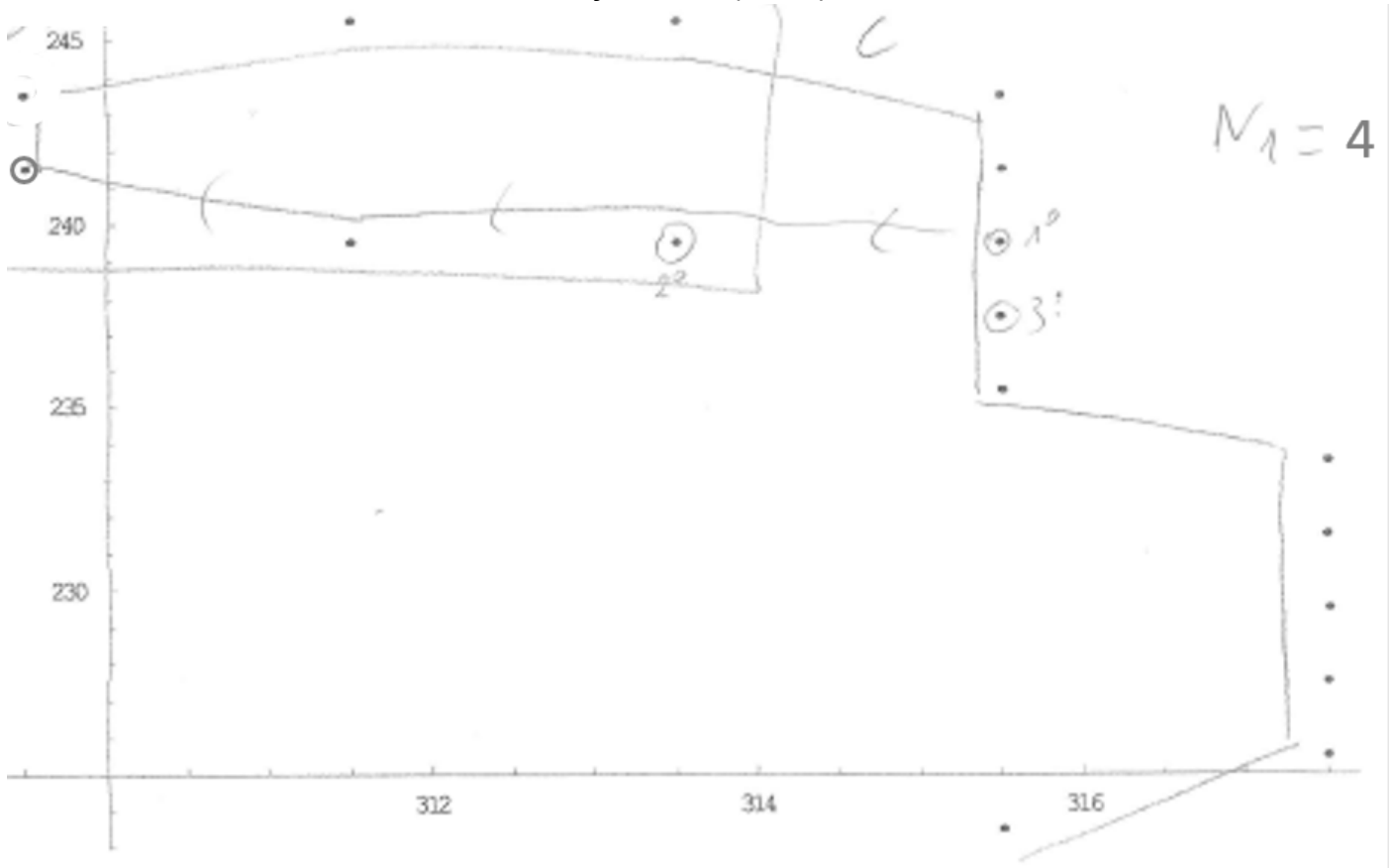
Contour 1x1

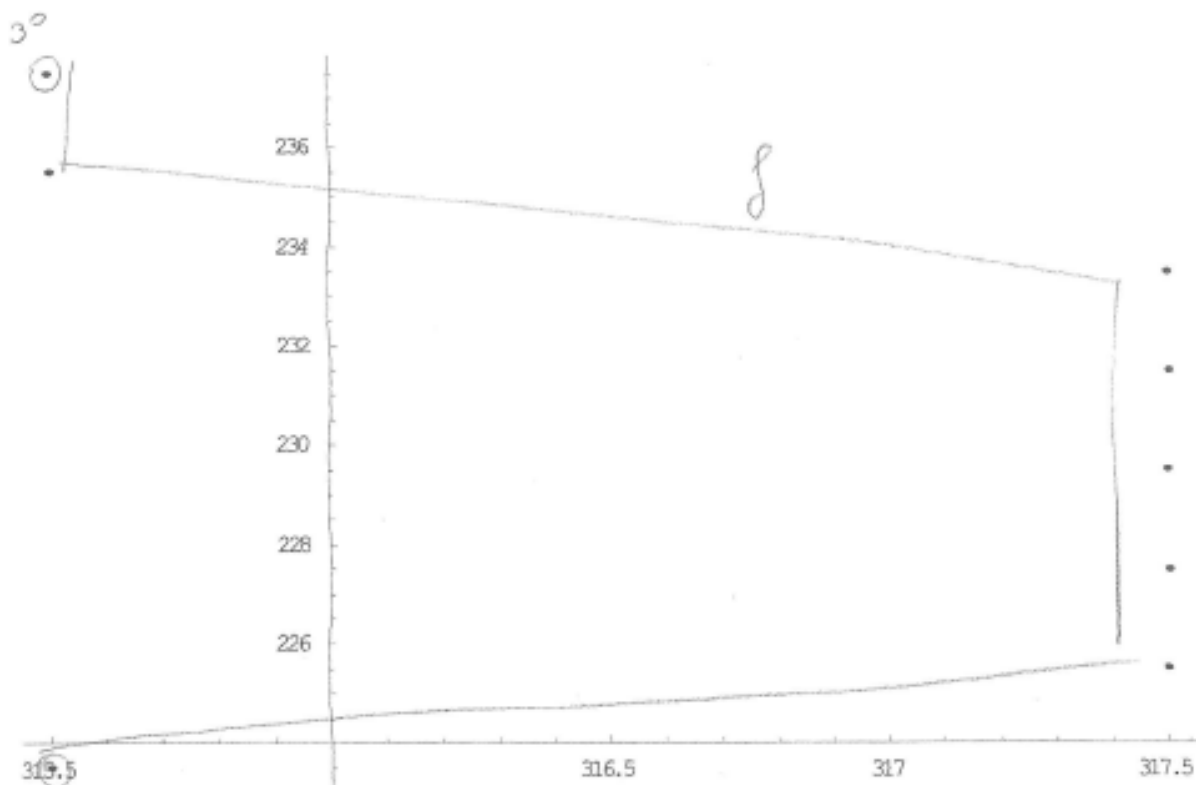


Contour 2x2

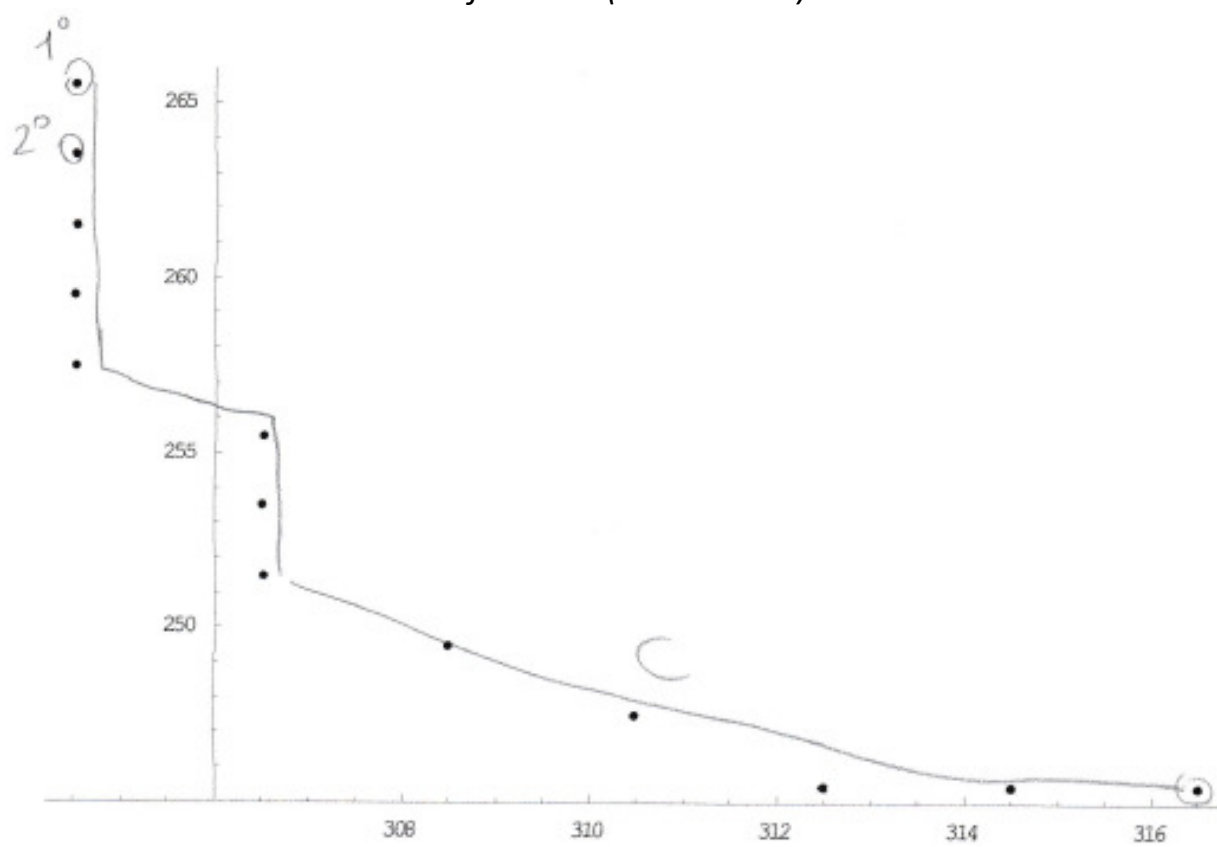


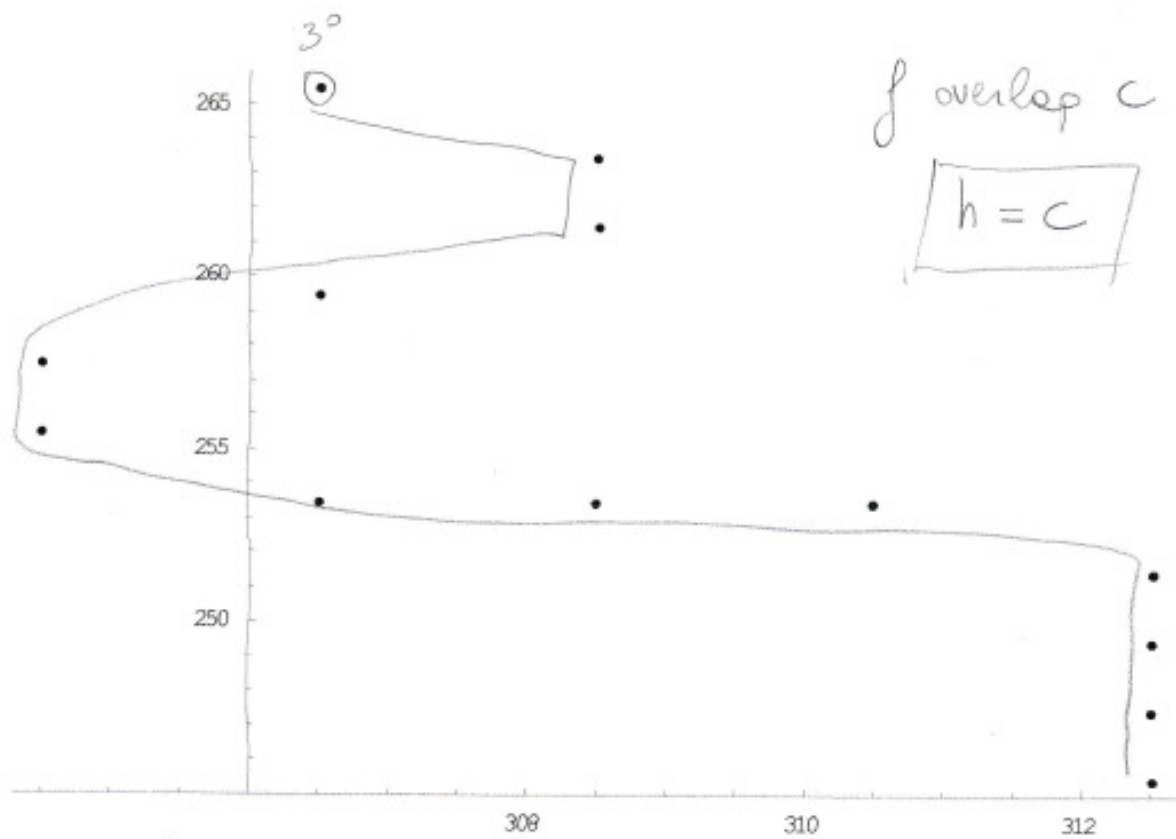
c+f vectors (main)



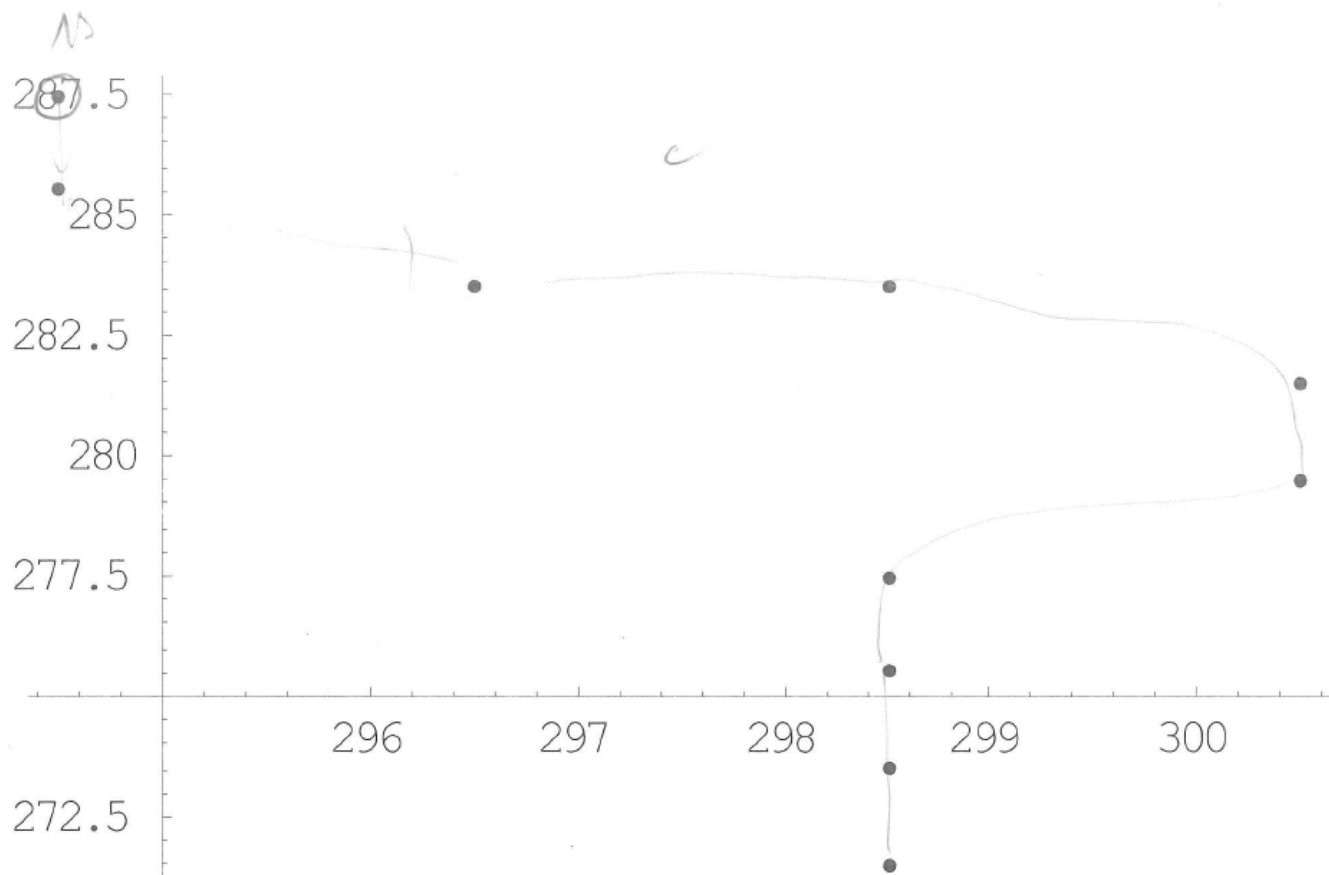


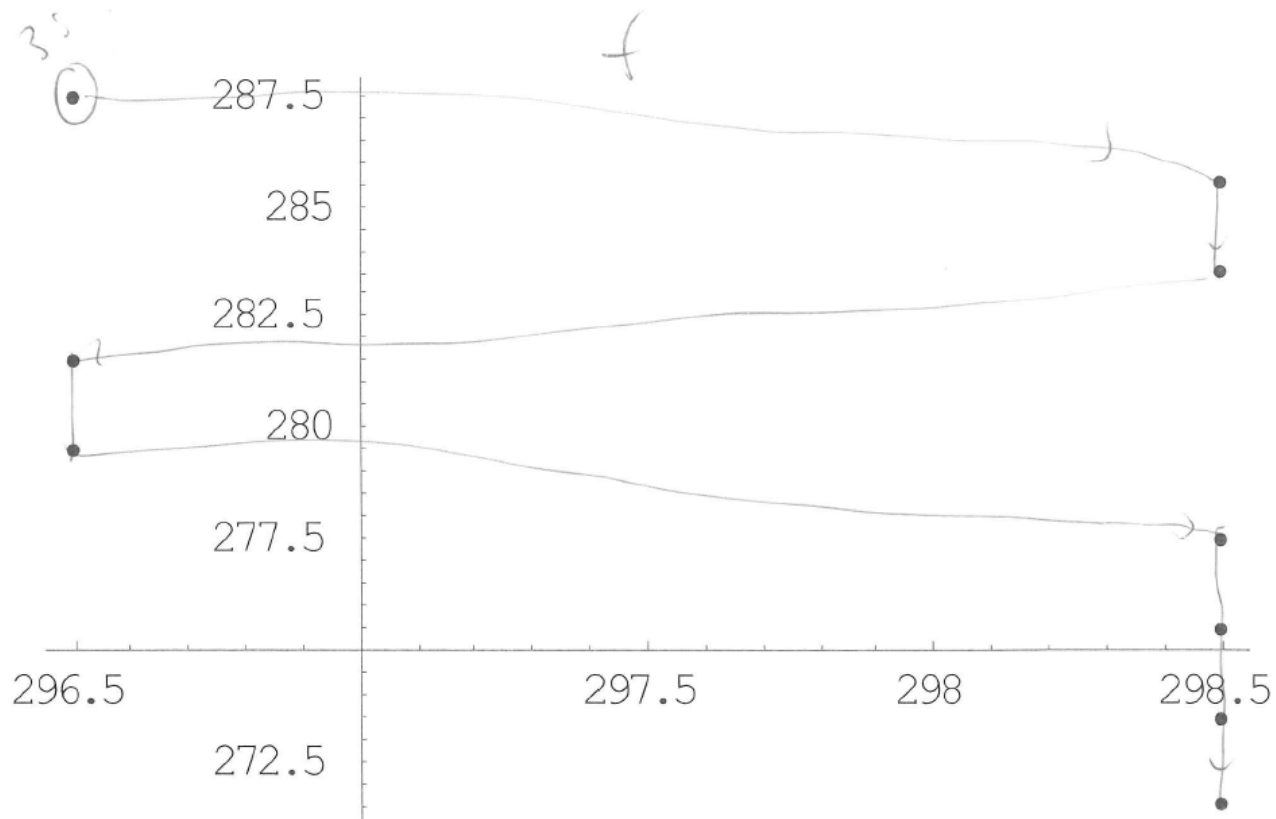
c+f vectors (central lobe)



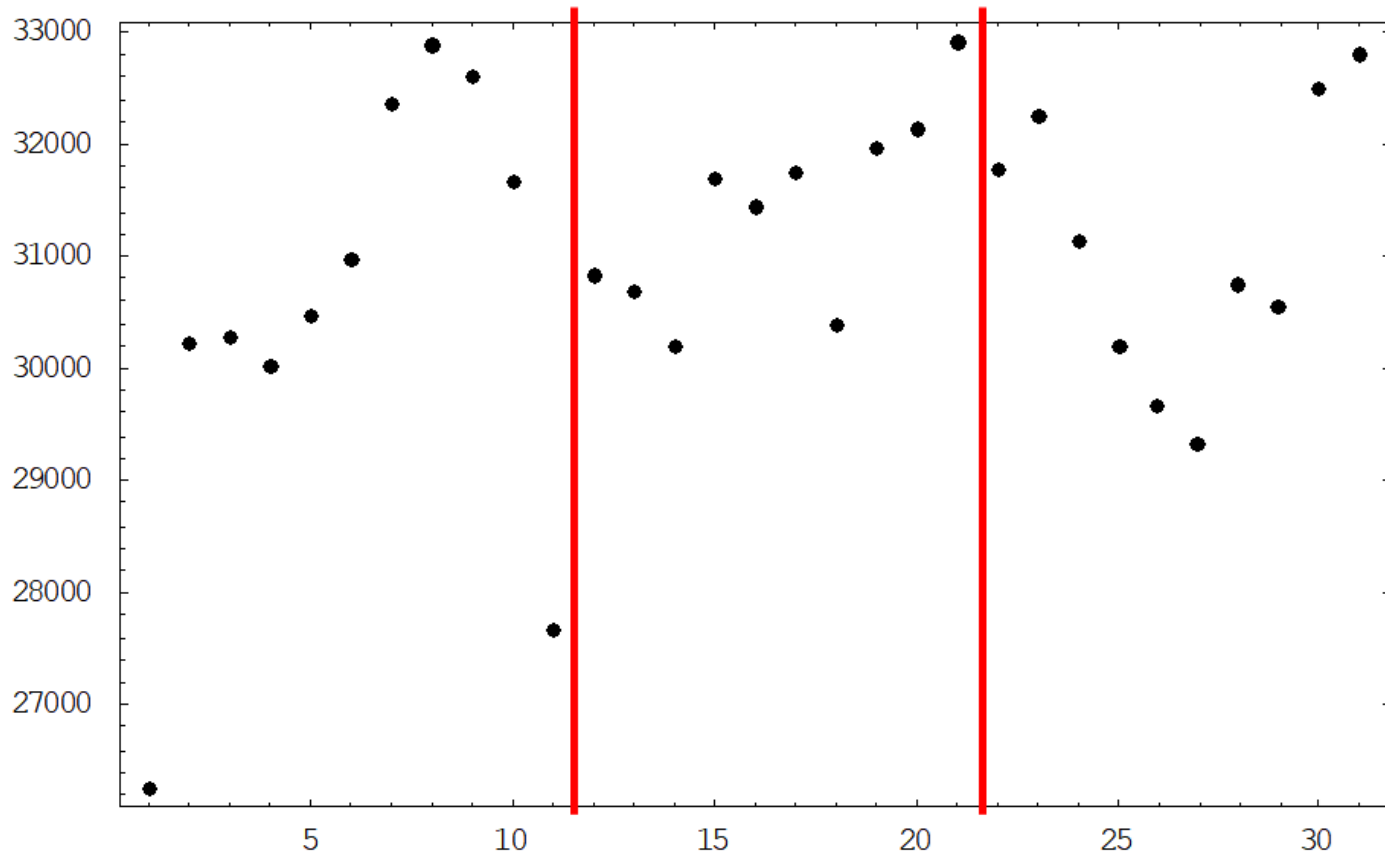


c+f vectors (top lobe)

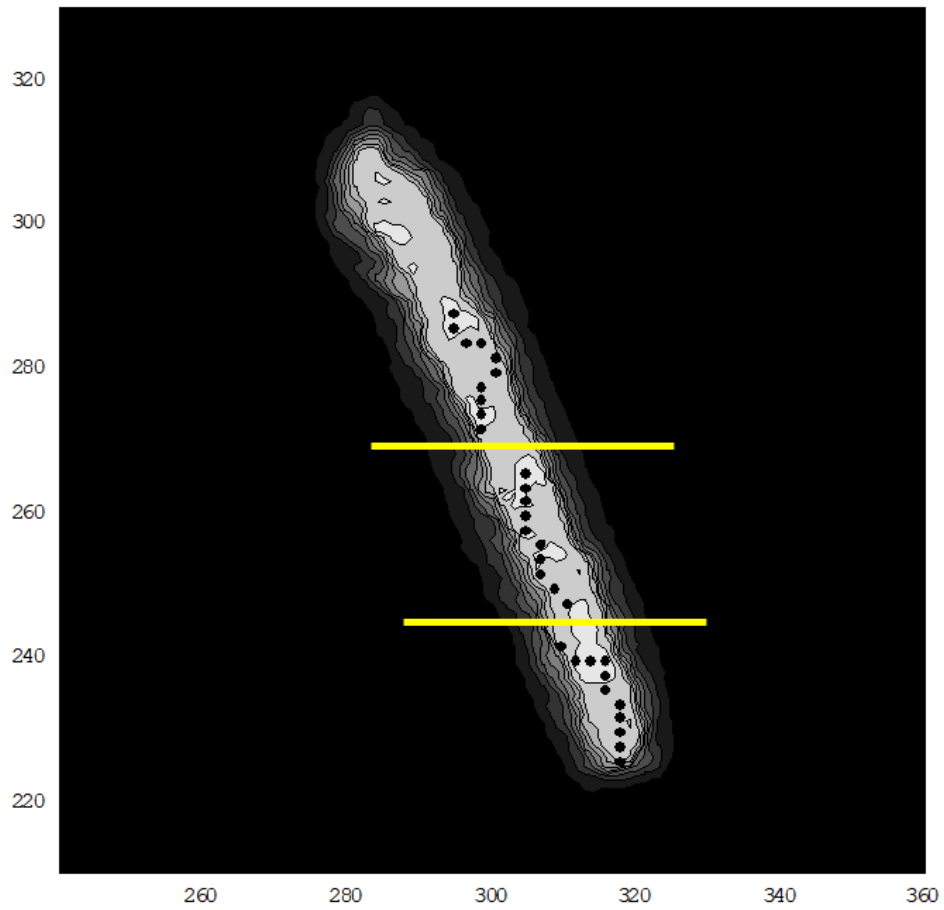




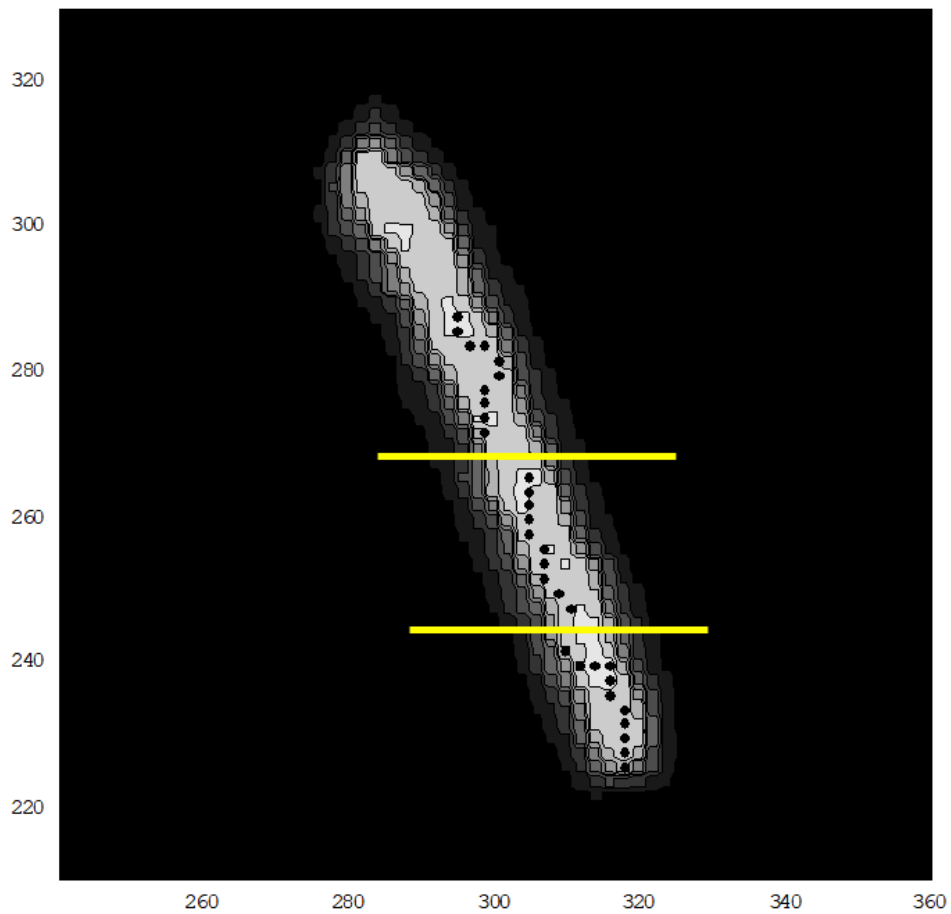
Trail (ADU profile)



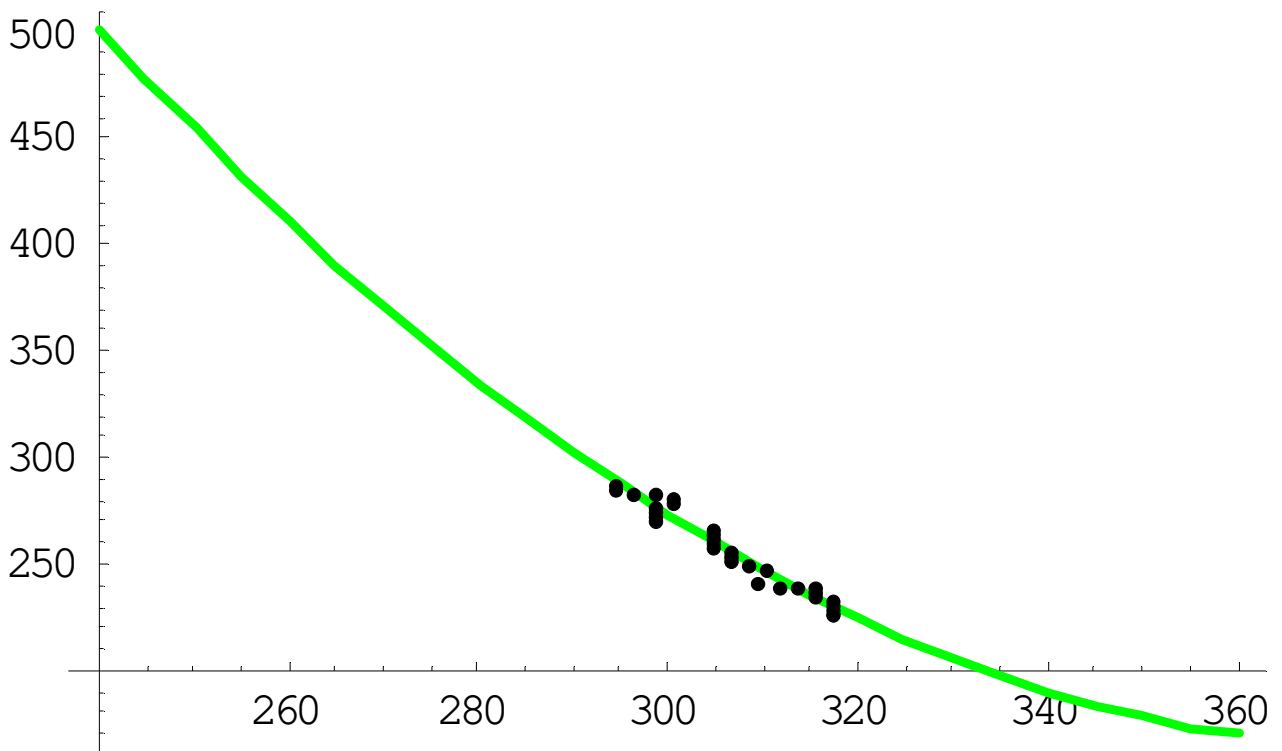
Trail + Contour 1x1



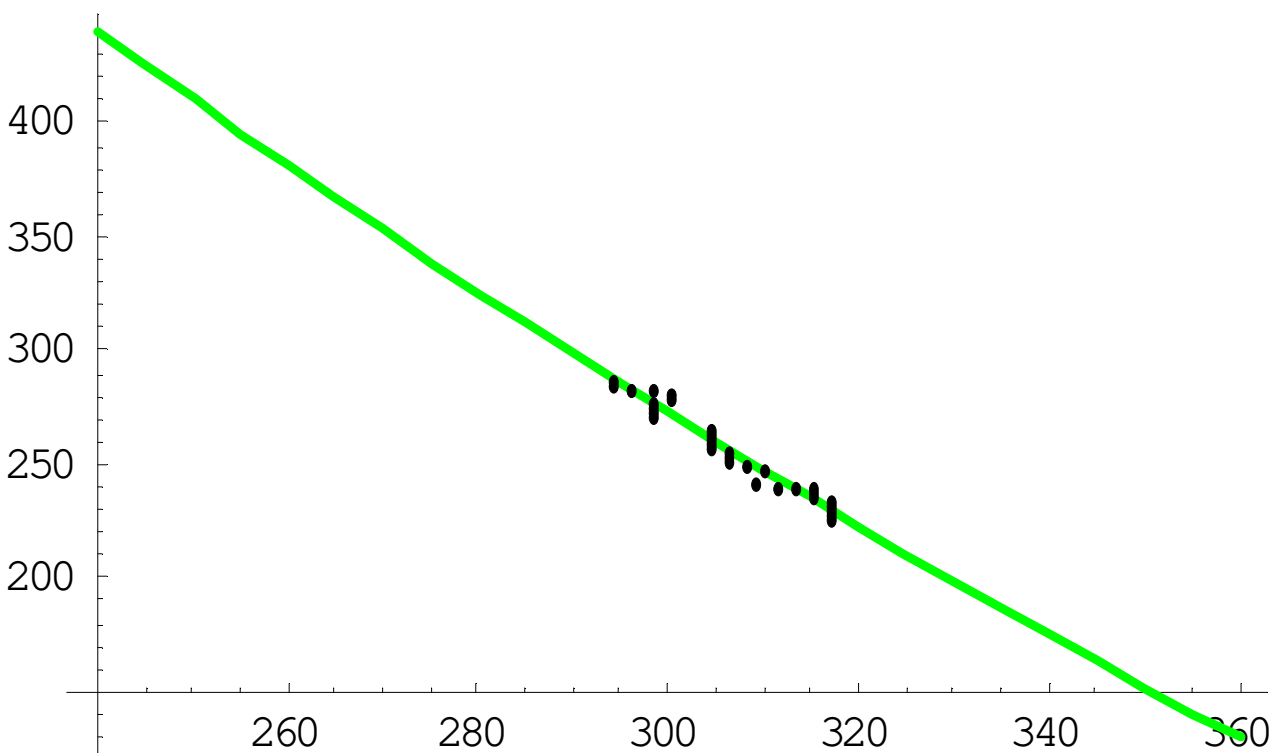
Trail + Contour 2x2



Parabole Fit



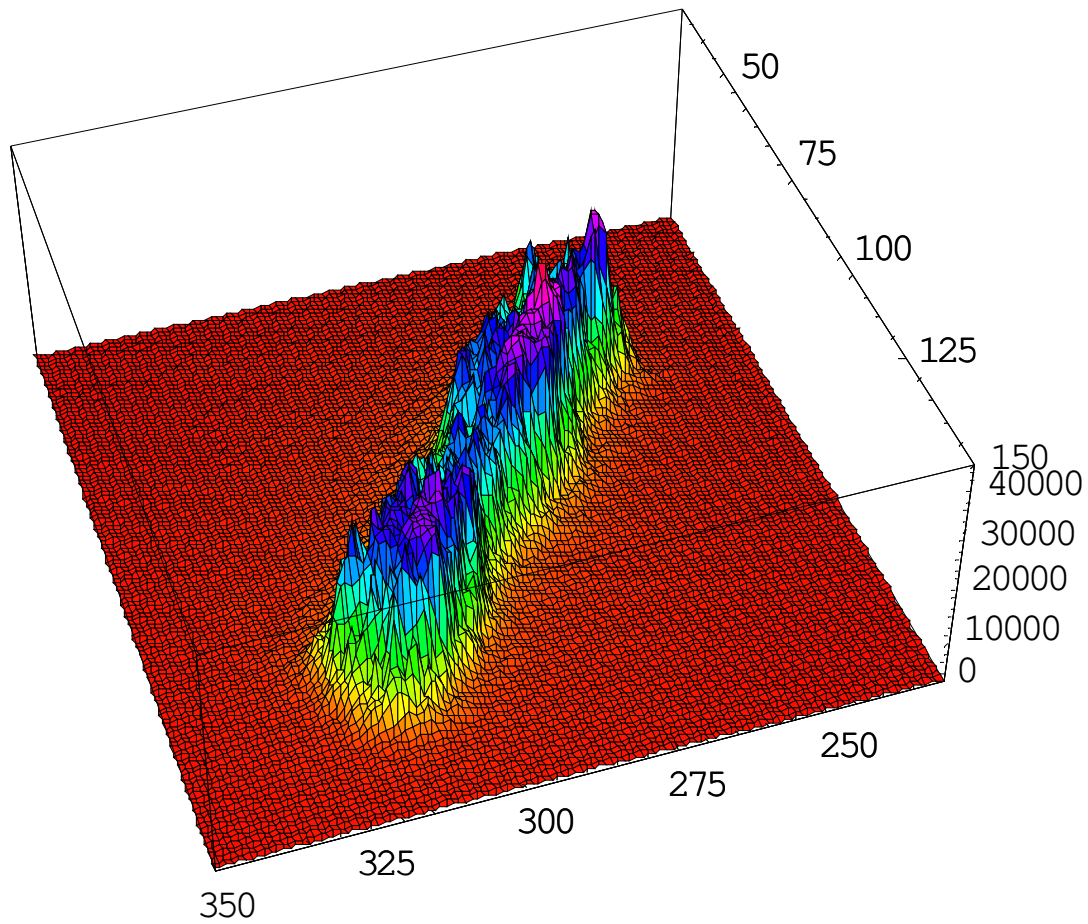
Circle Fit '-'



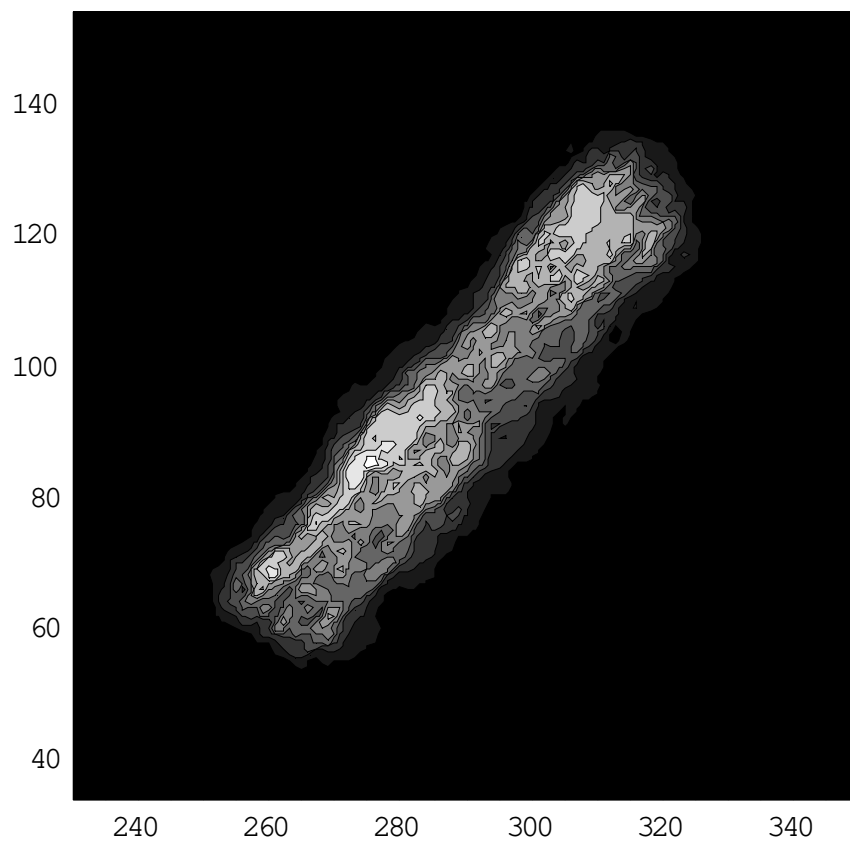
01-08-2008

B1 - ACHADA DO TEIXEIRA (with "lobe work")

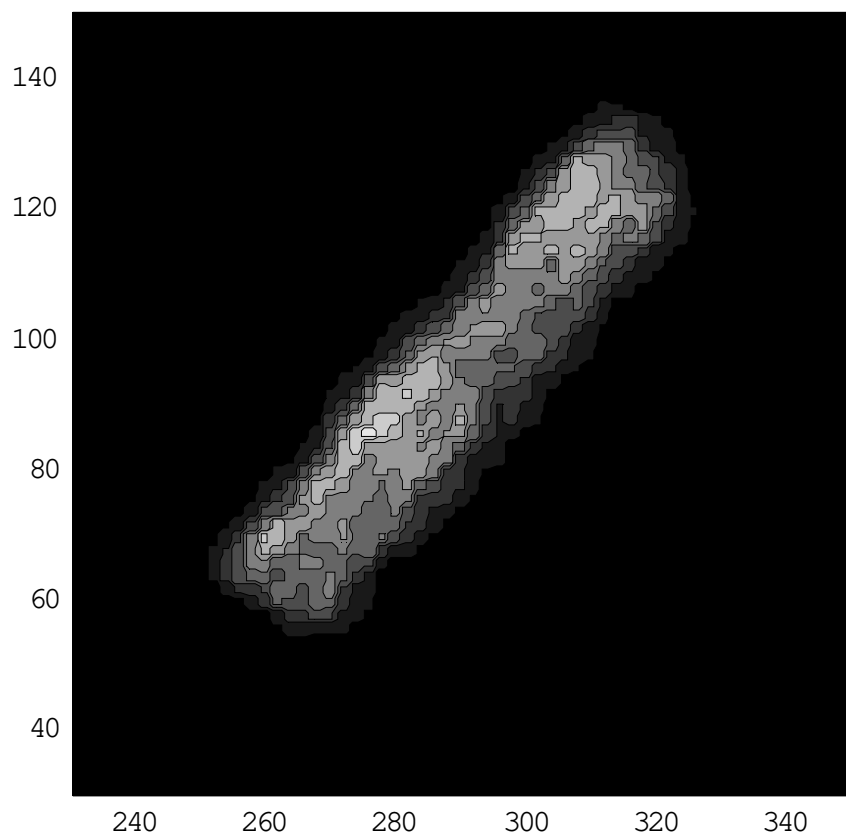
Trail 3D



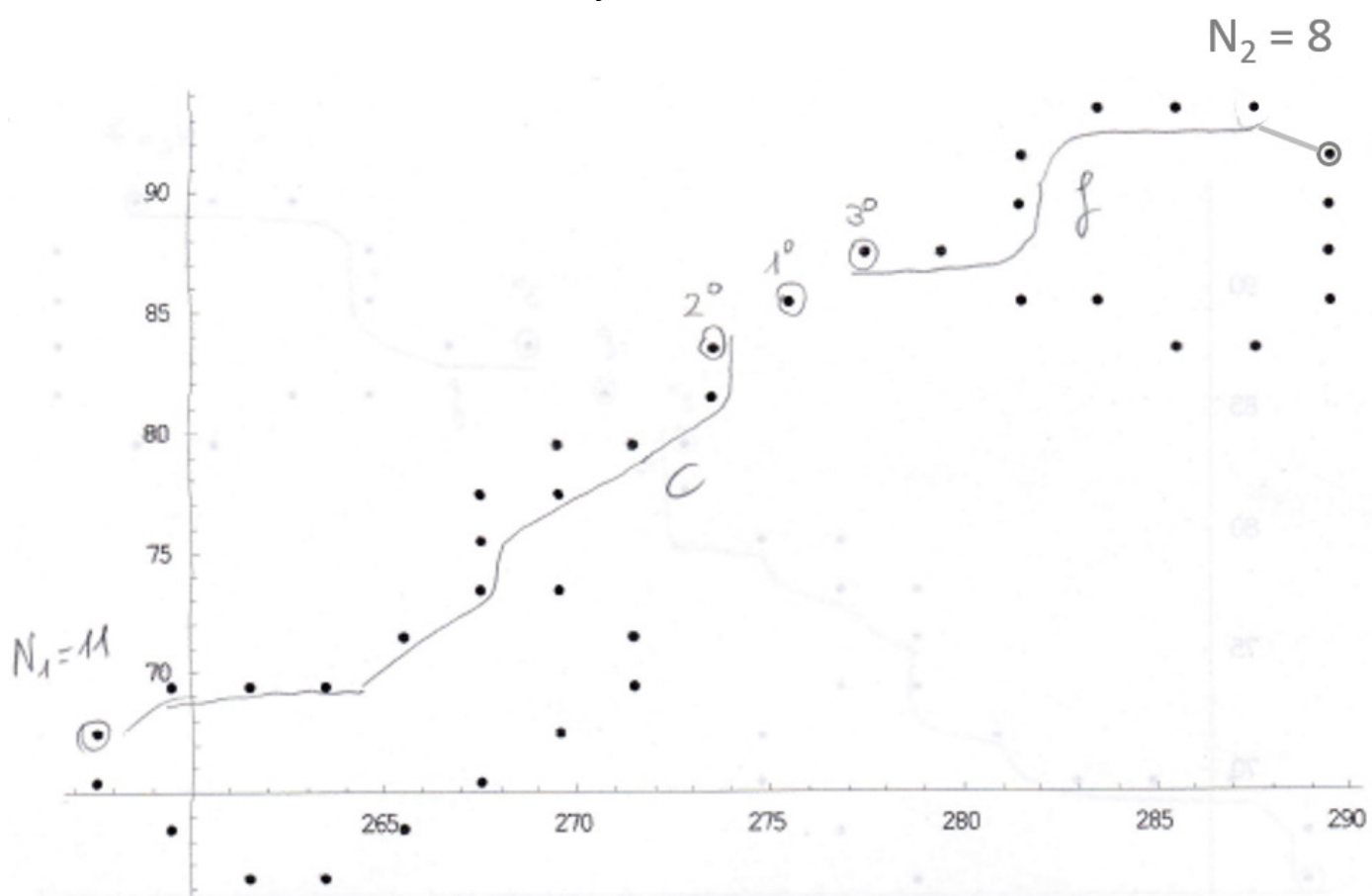
Contour 1x1



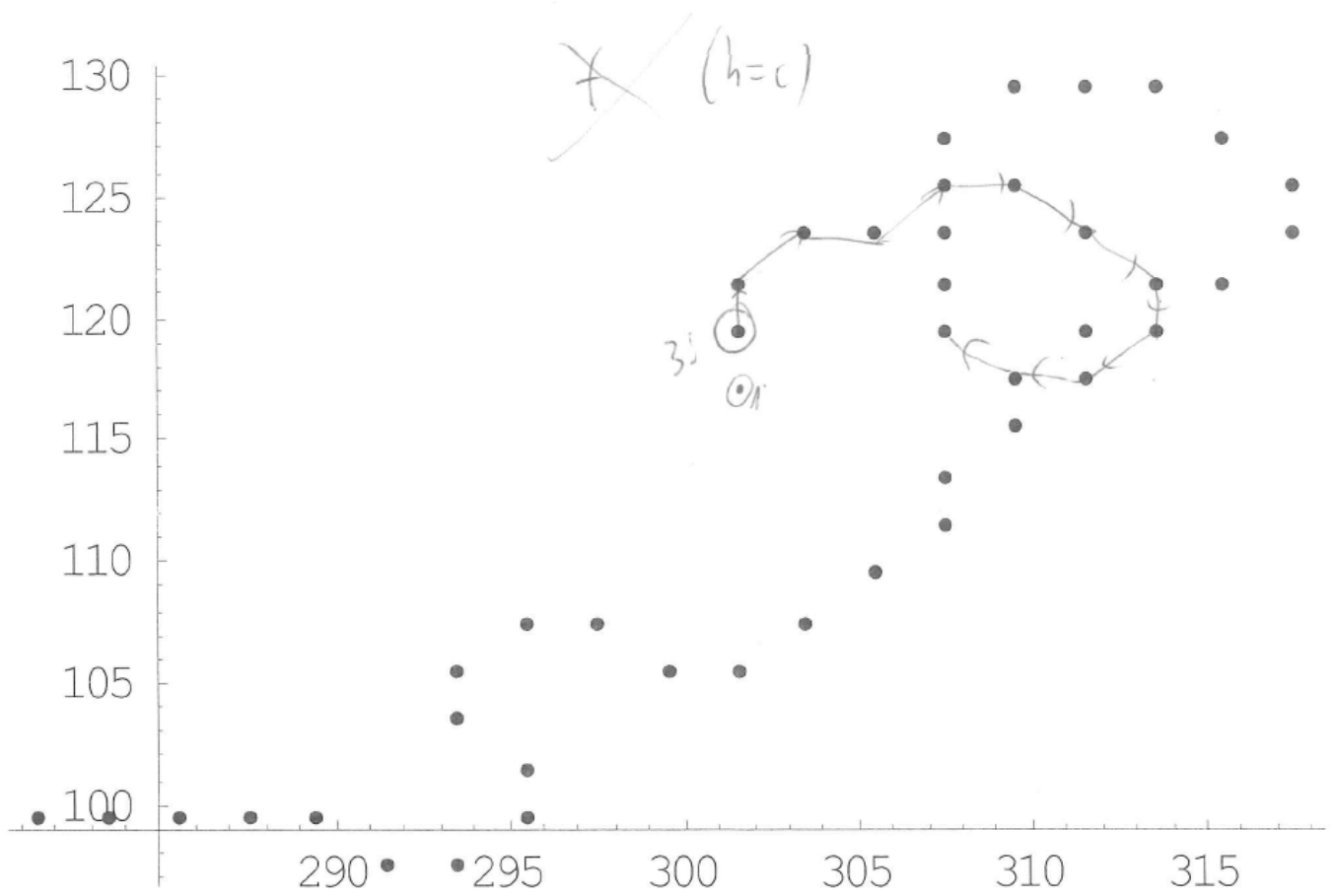
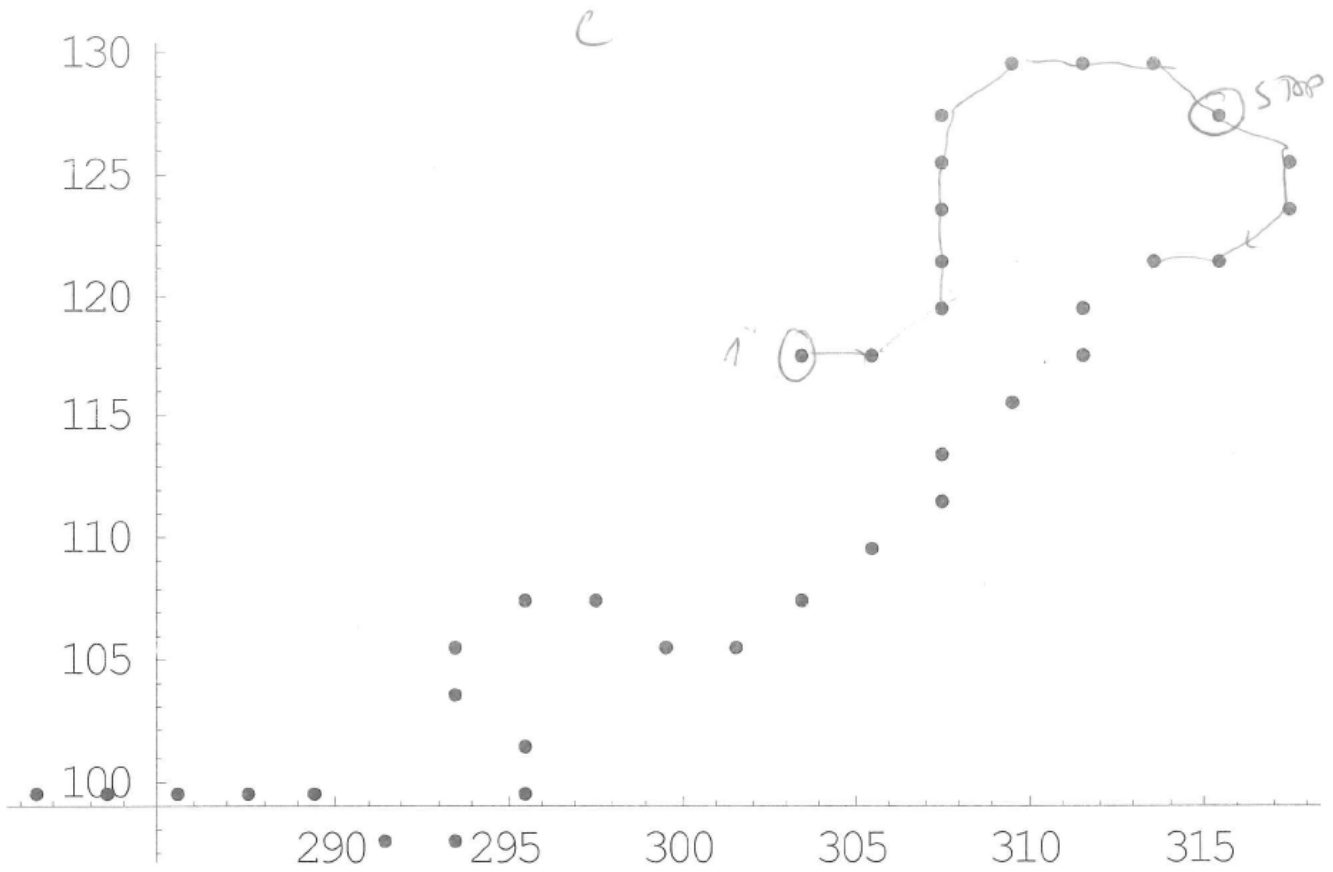
Contour 2x2



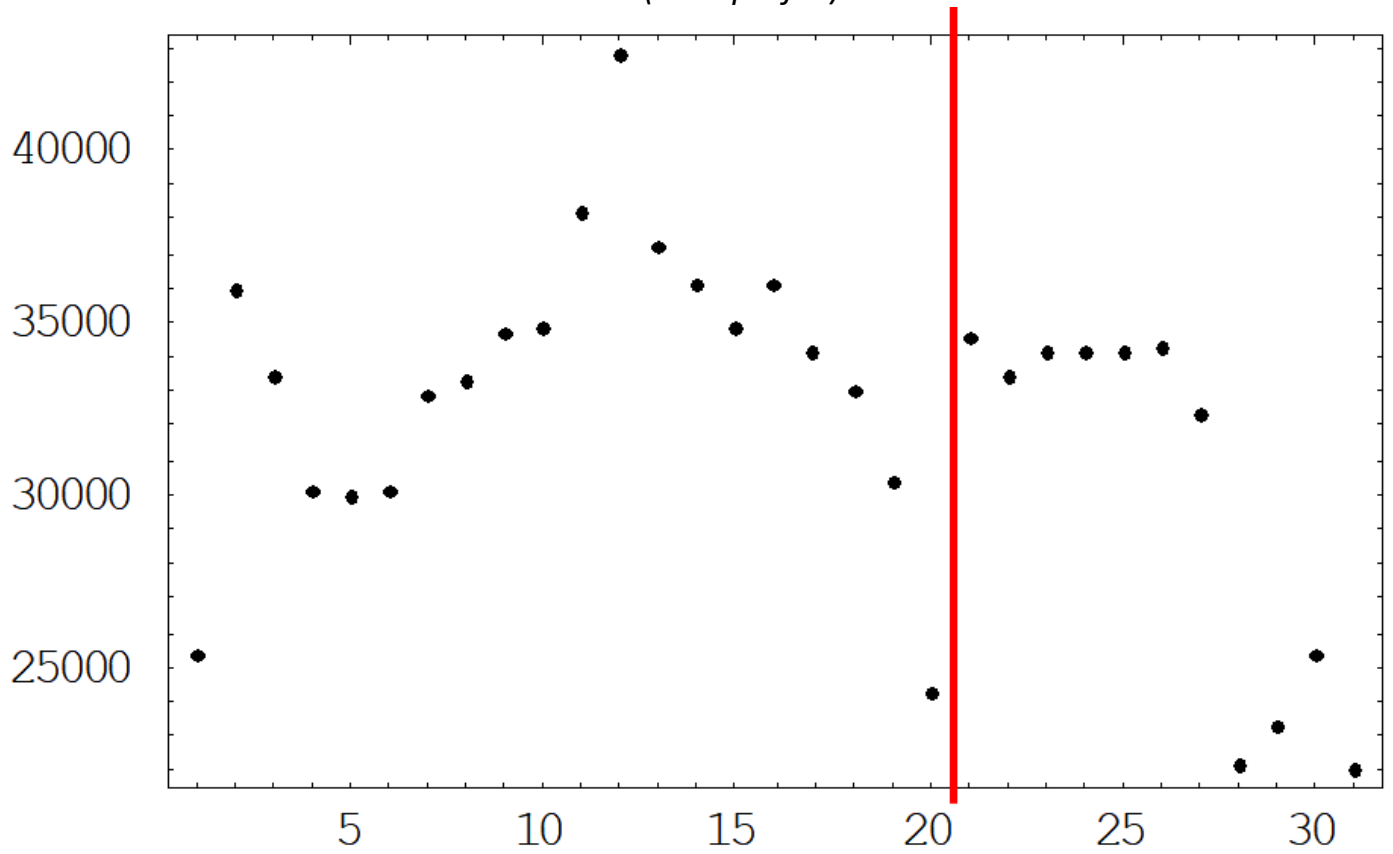
$c+f$ vectors -main



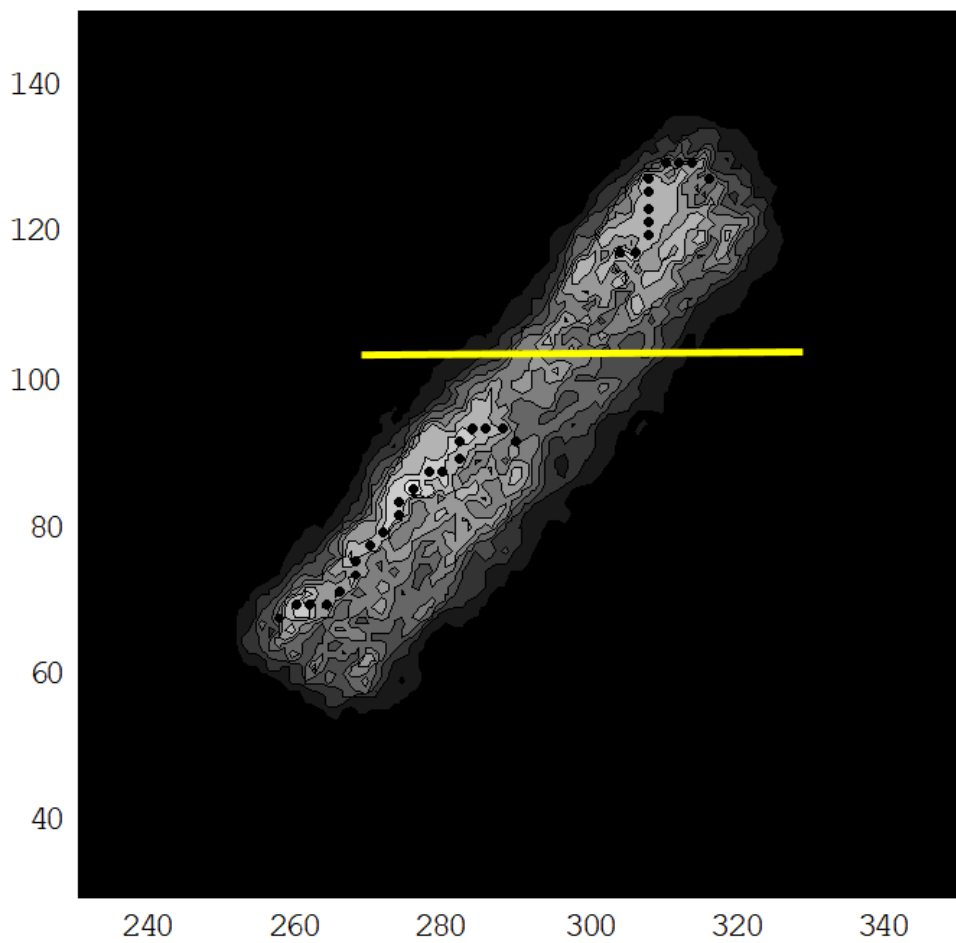
c+f vectors - lobe



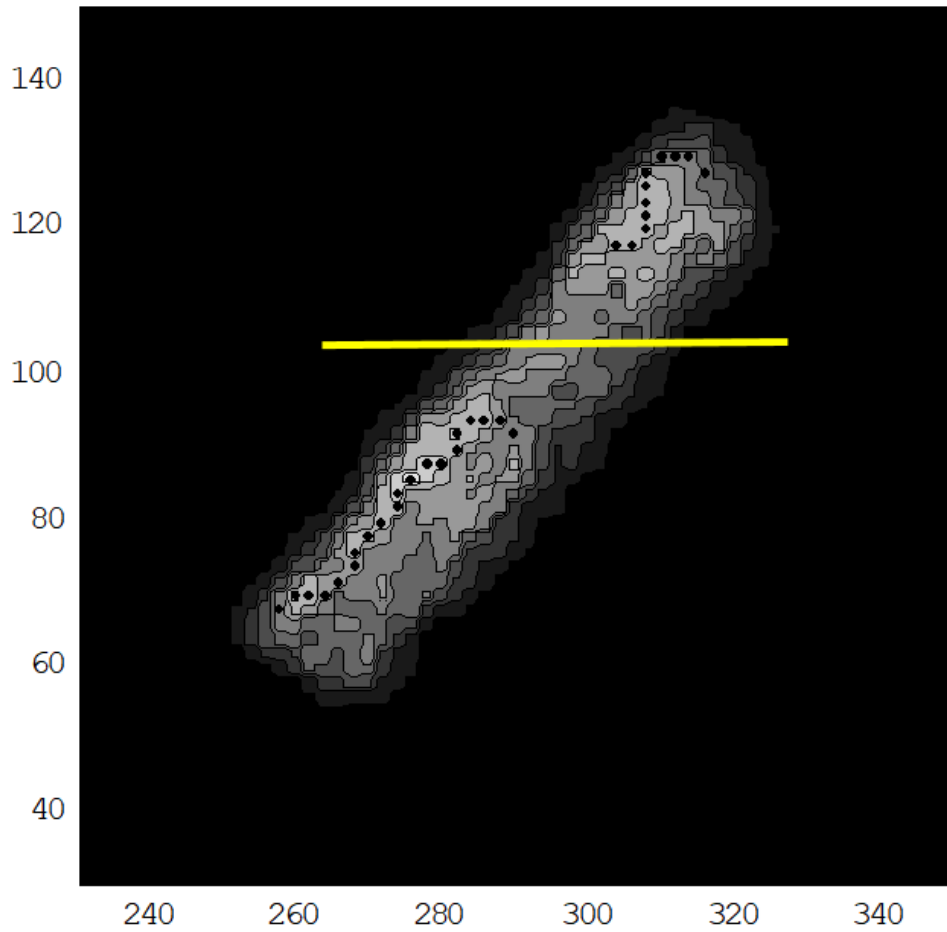
Trail (ADU profile)



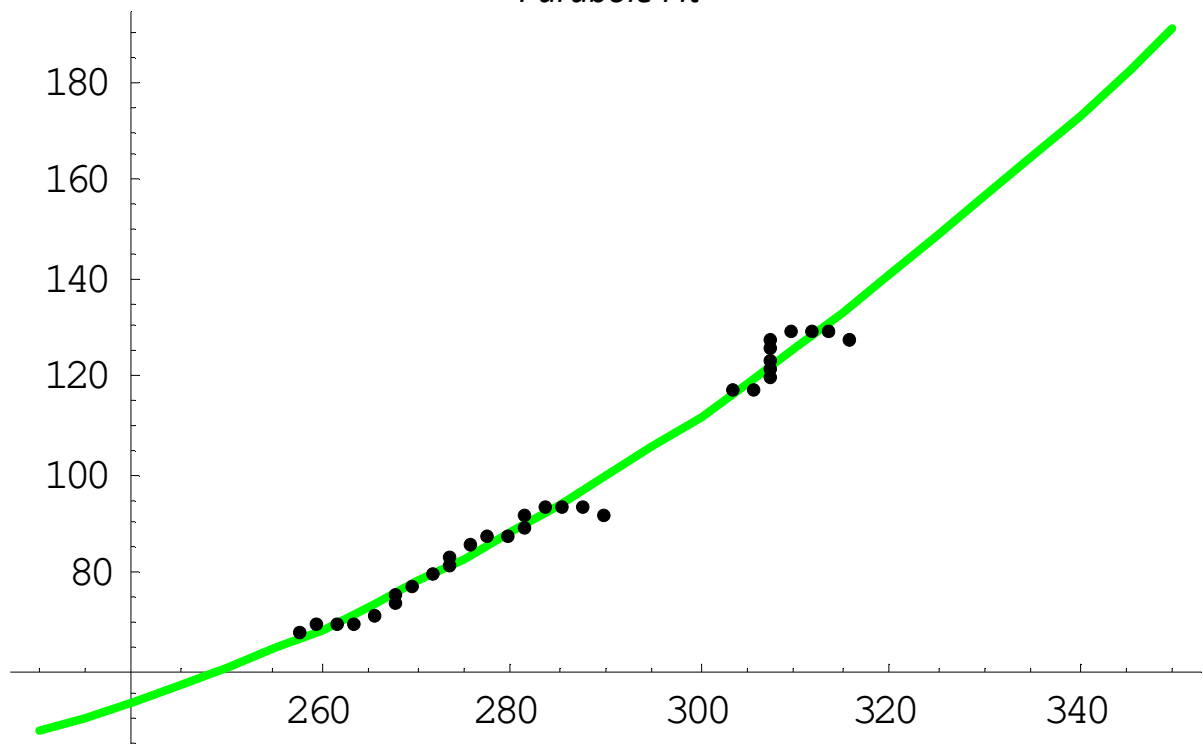
Trail + Contour 1x1



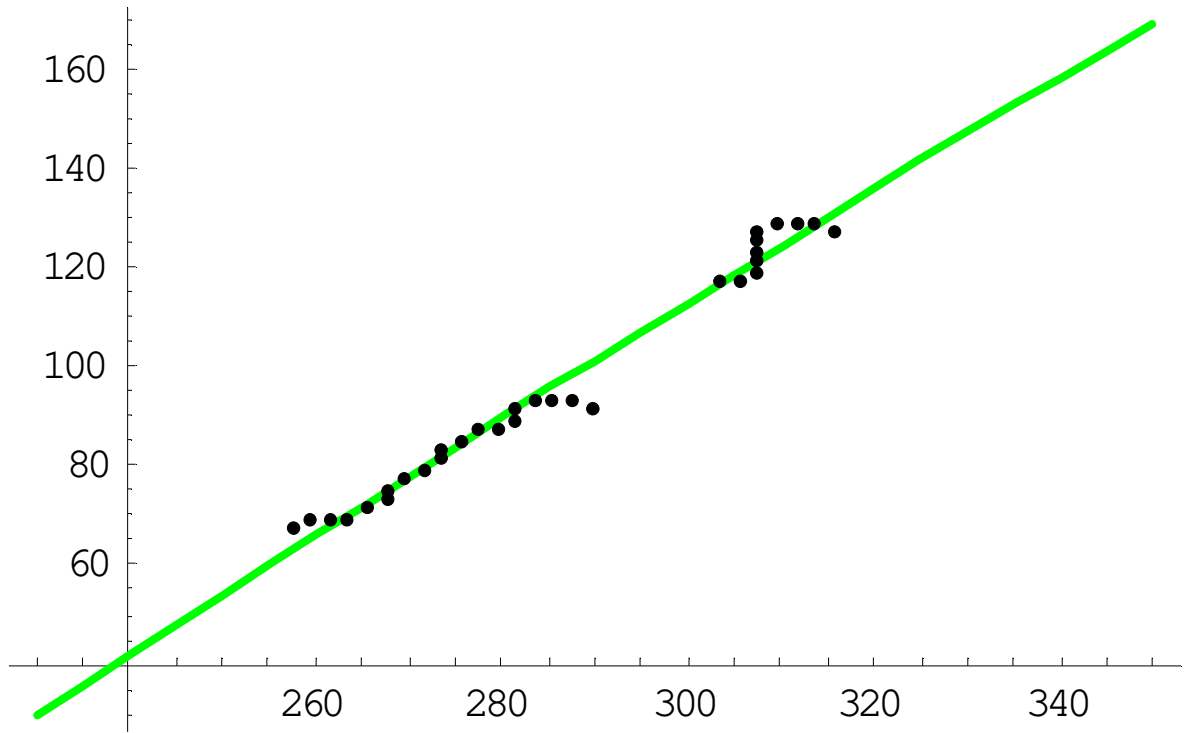
Trail + Contour 2x2



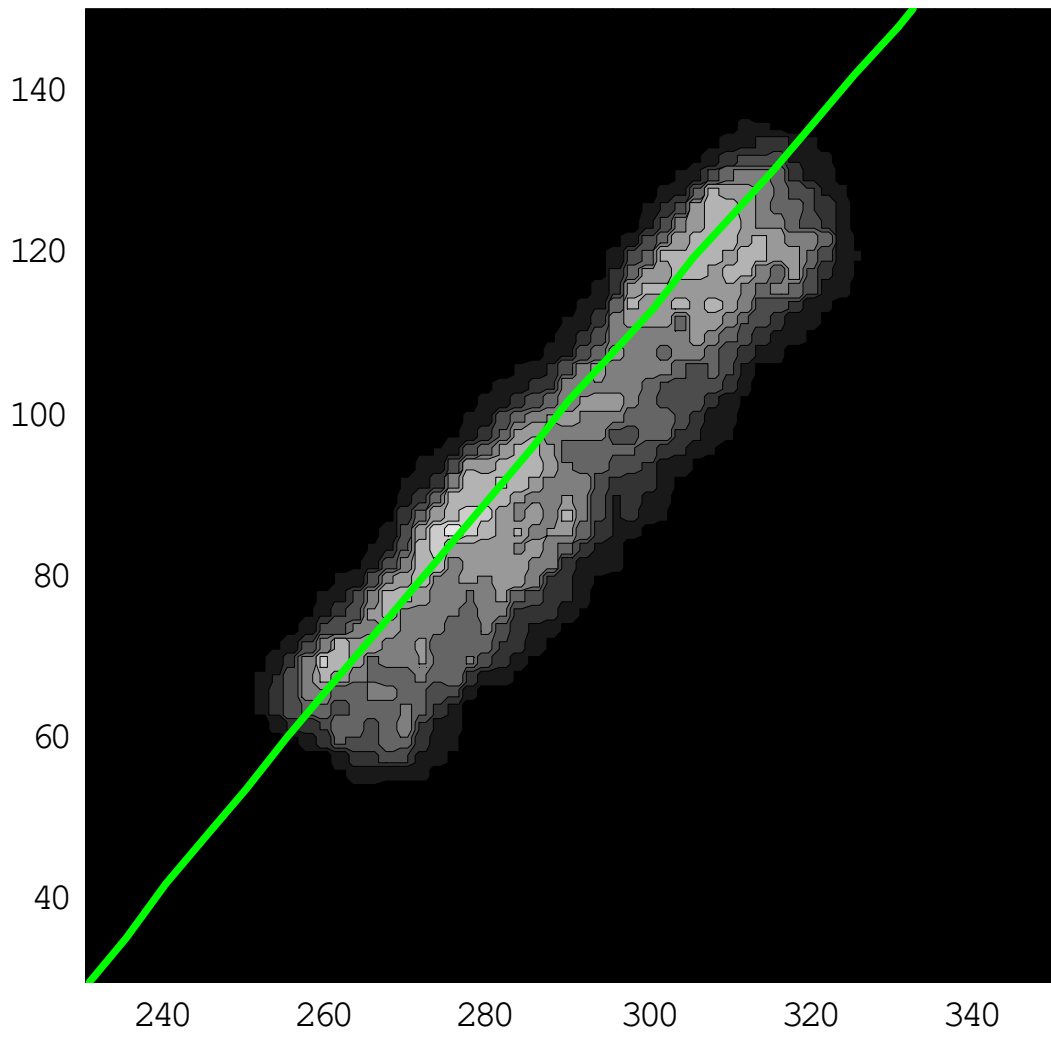
Parabole Fit



Circle '+' Fit



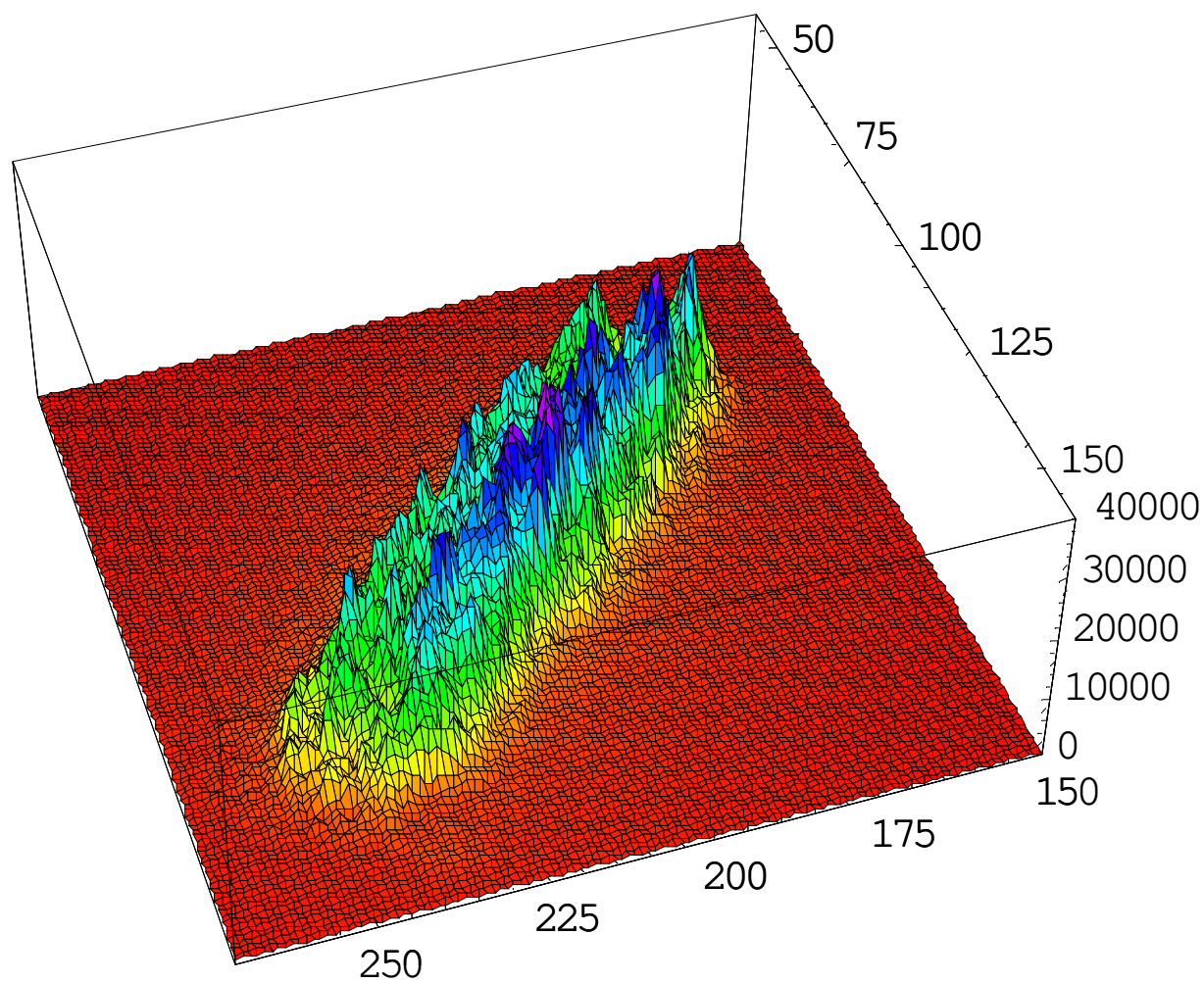
Circle '+' Fit on path



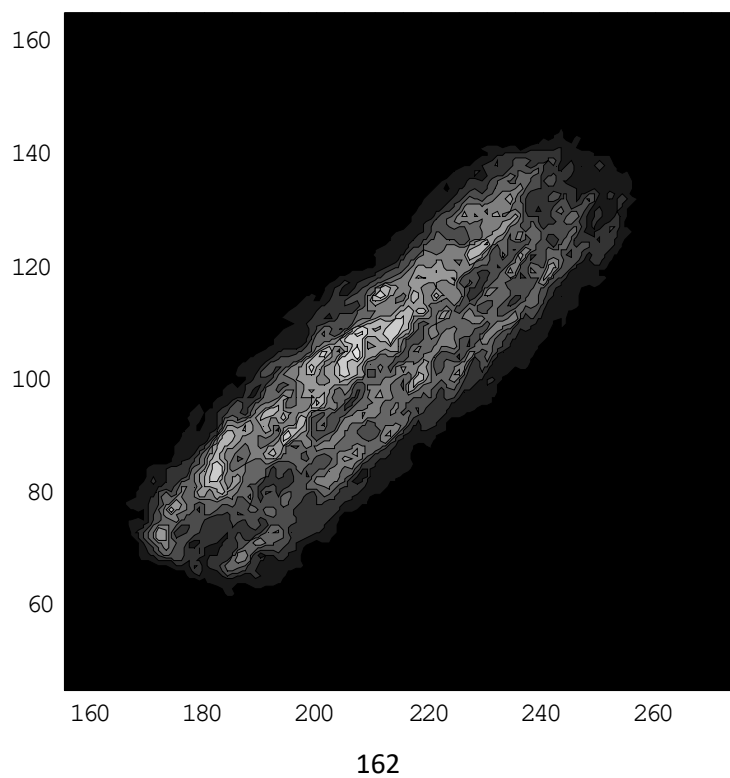
01-08-2008

B2 - ENCUMEADA ALTA

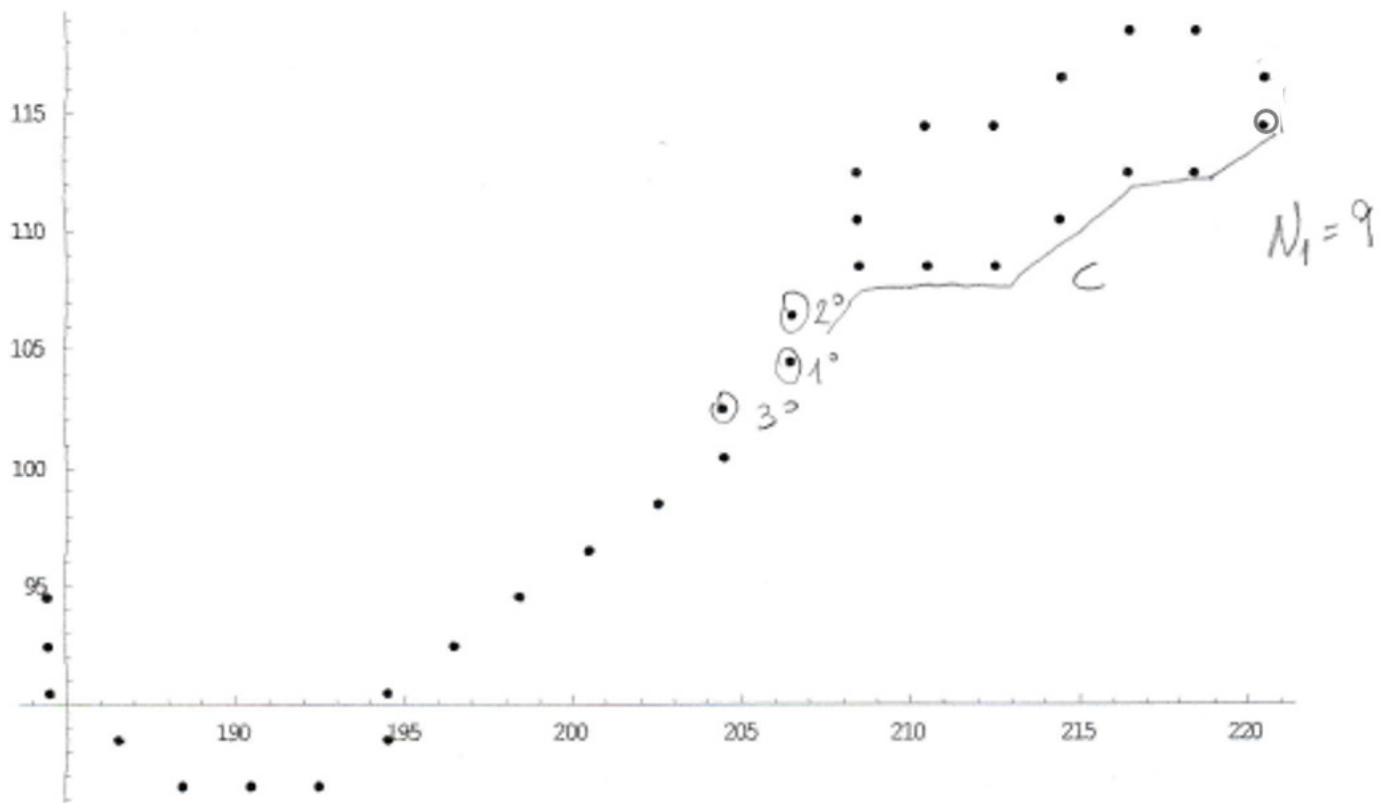
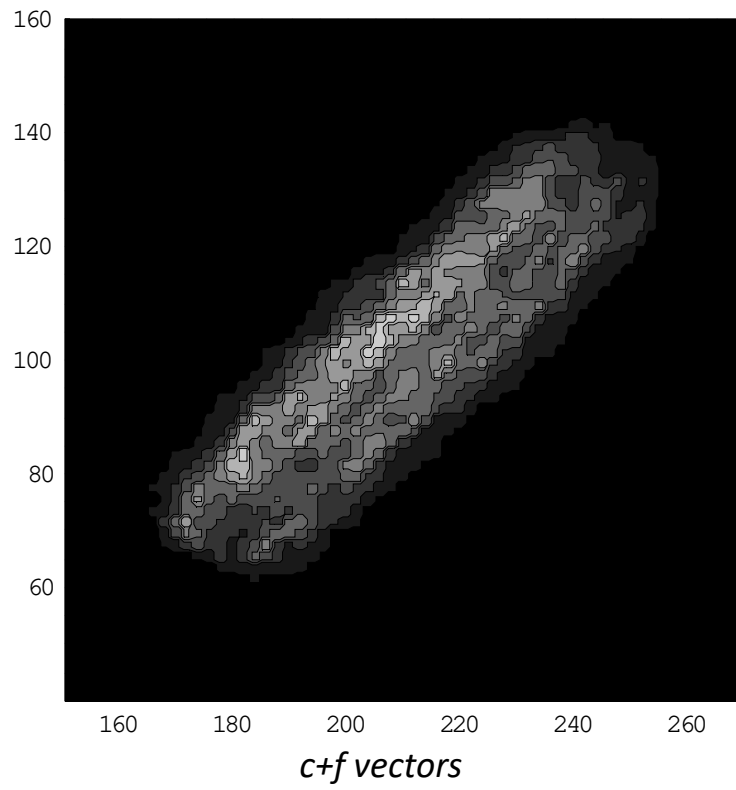
Trail 3D

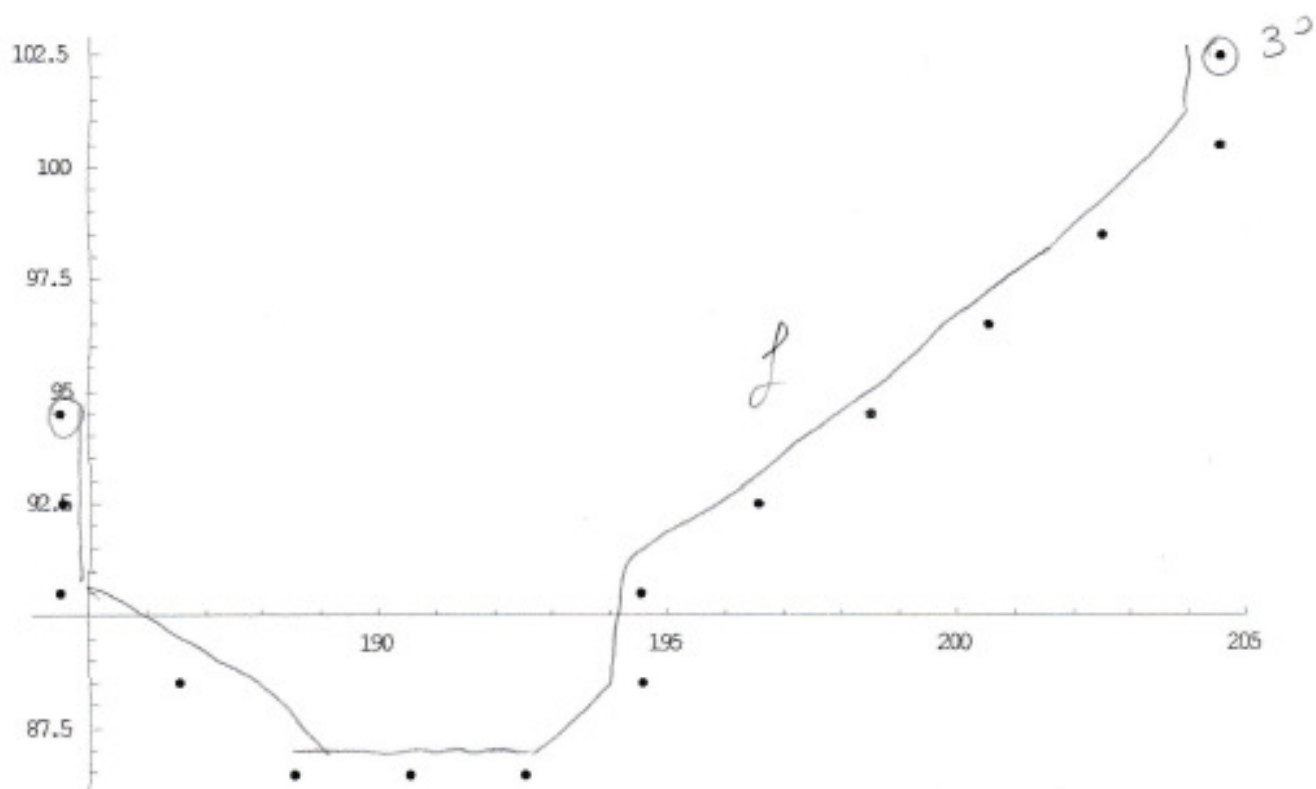


Contour 1x1

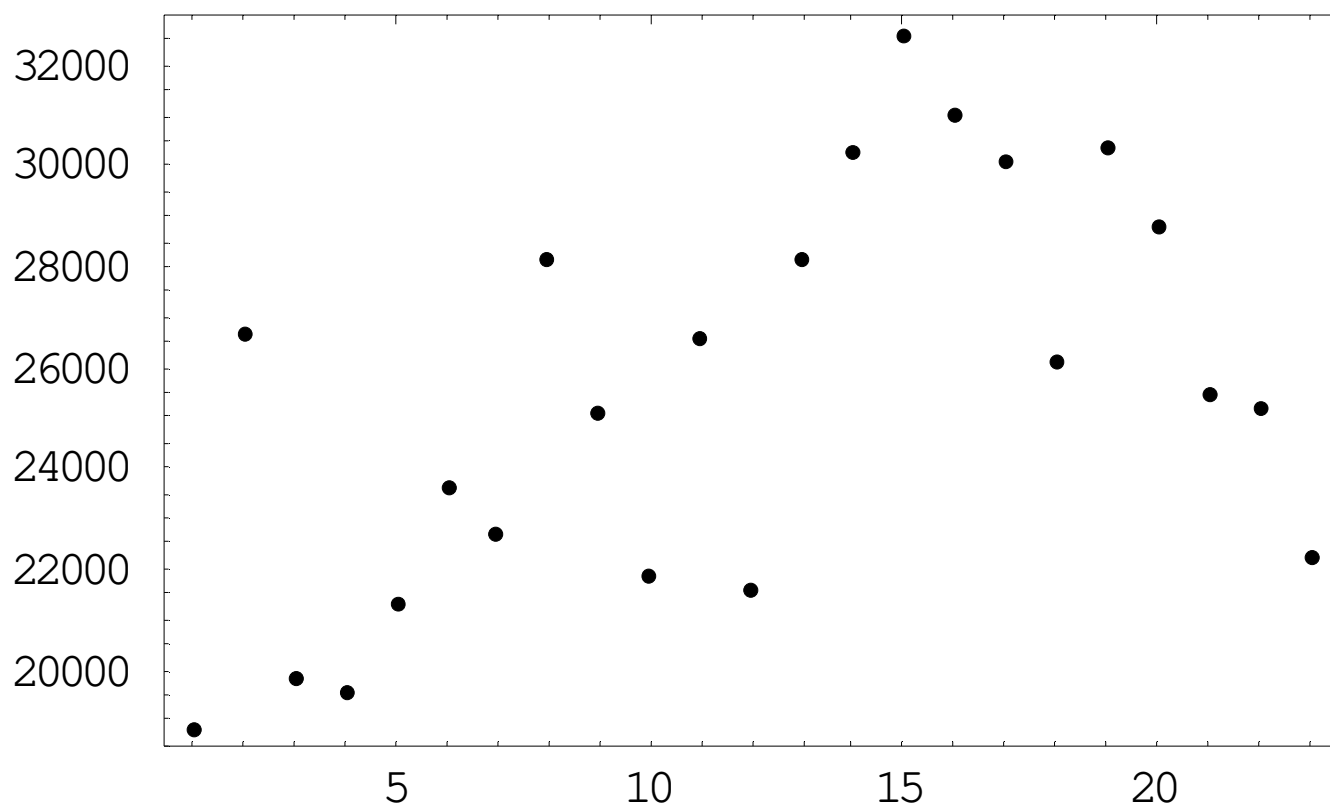


Contour 2x2

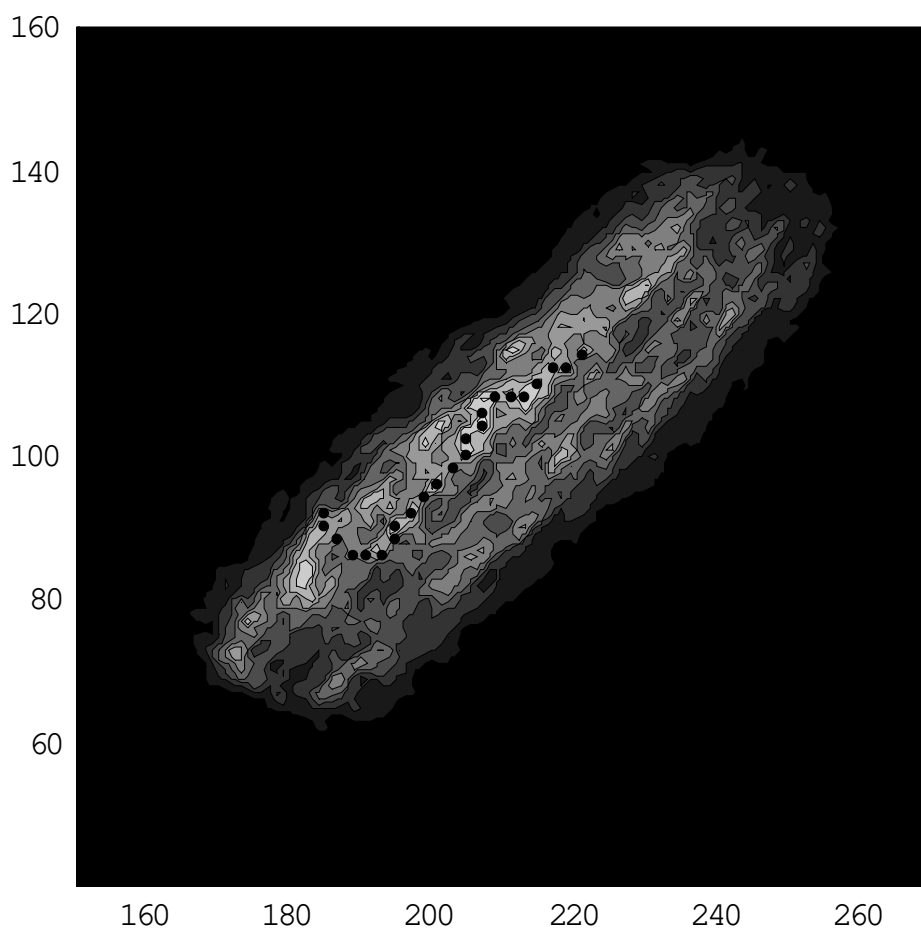




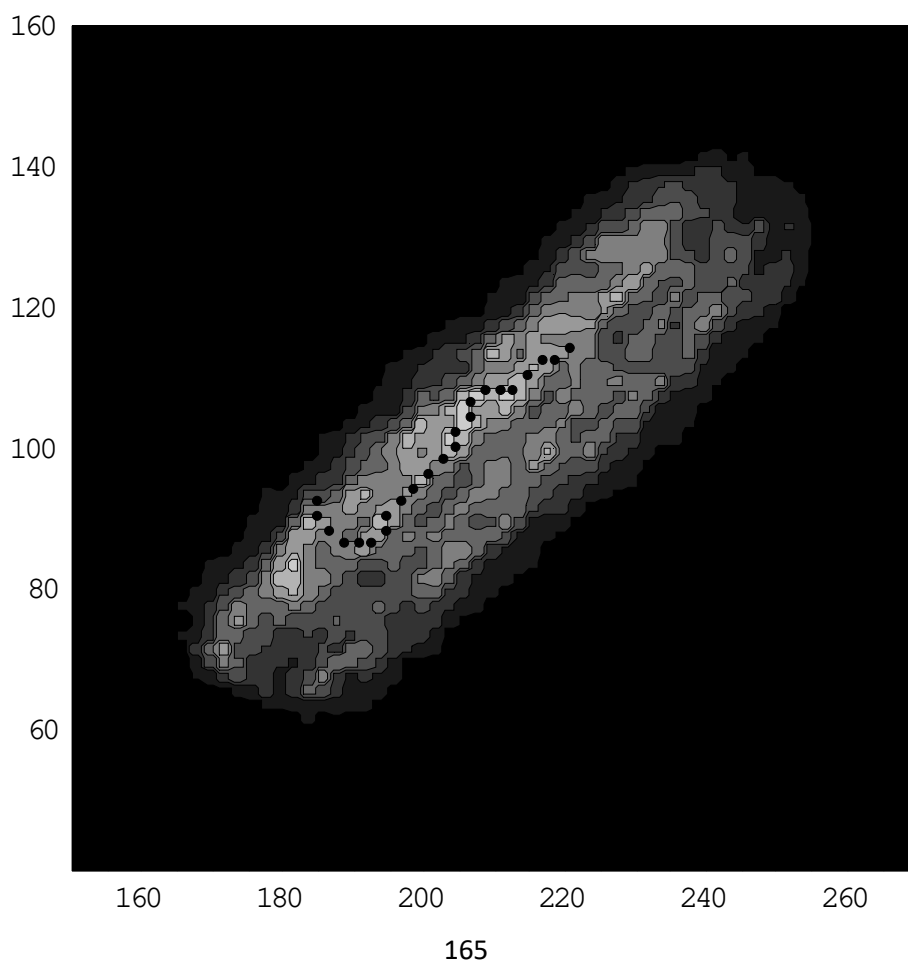
Trail (ADU profile)



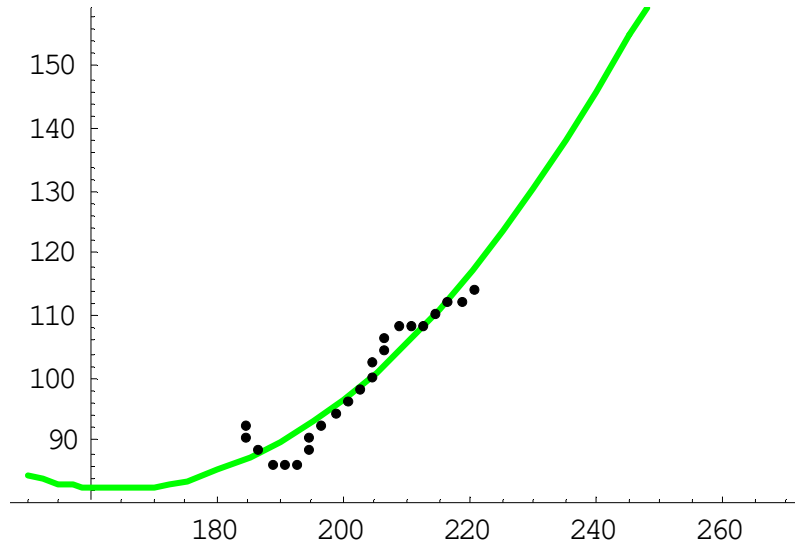
Trail + Contour 1x1



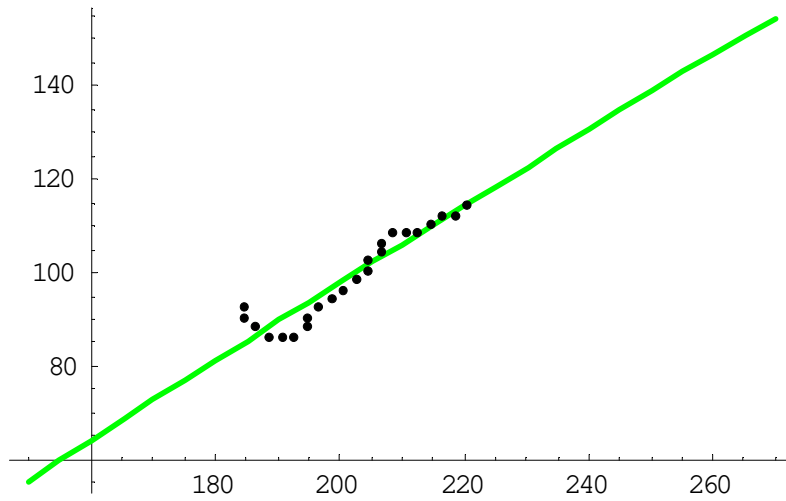
Trail + Contour 2x2



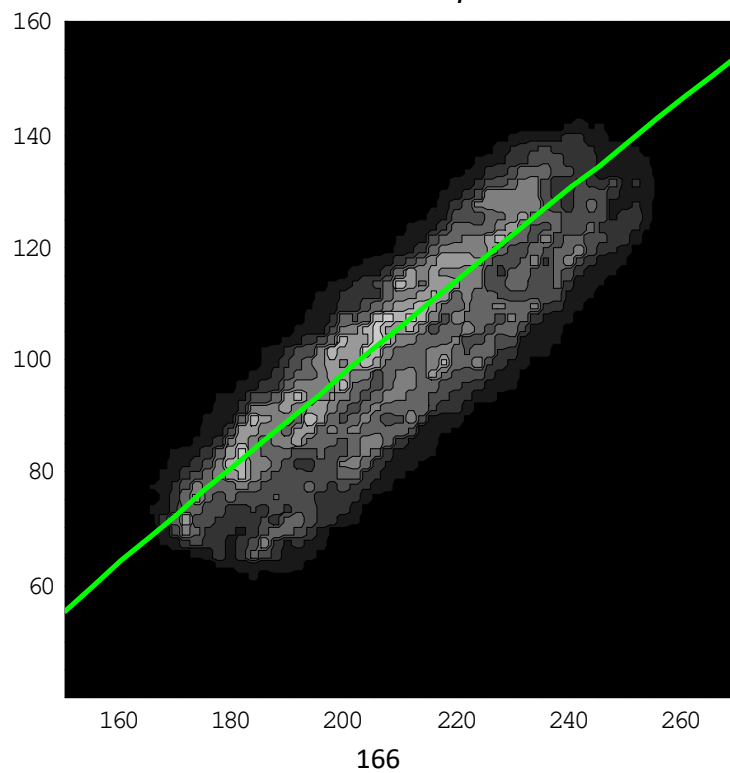
Parabole Fit



Circle '+' Fit

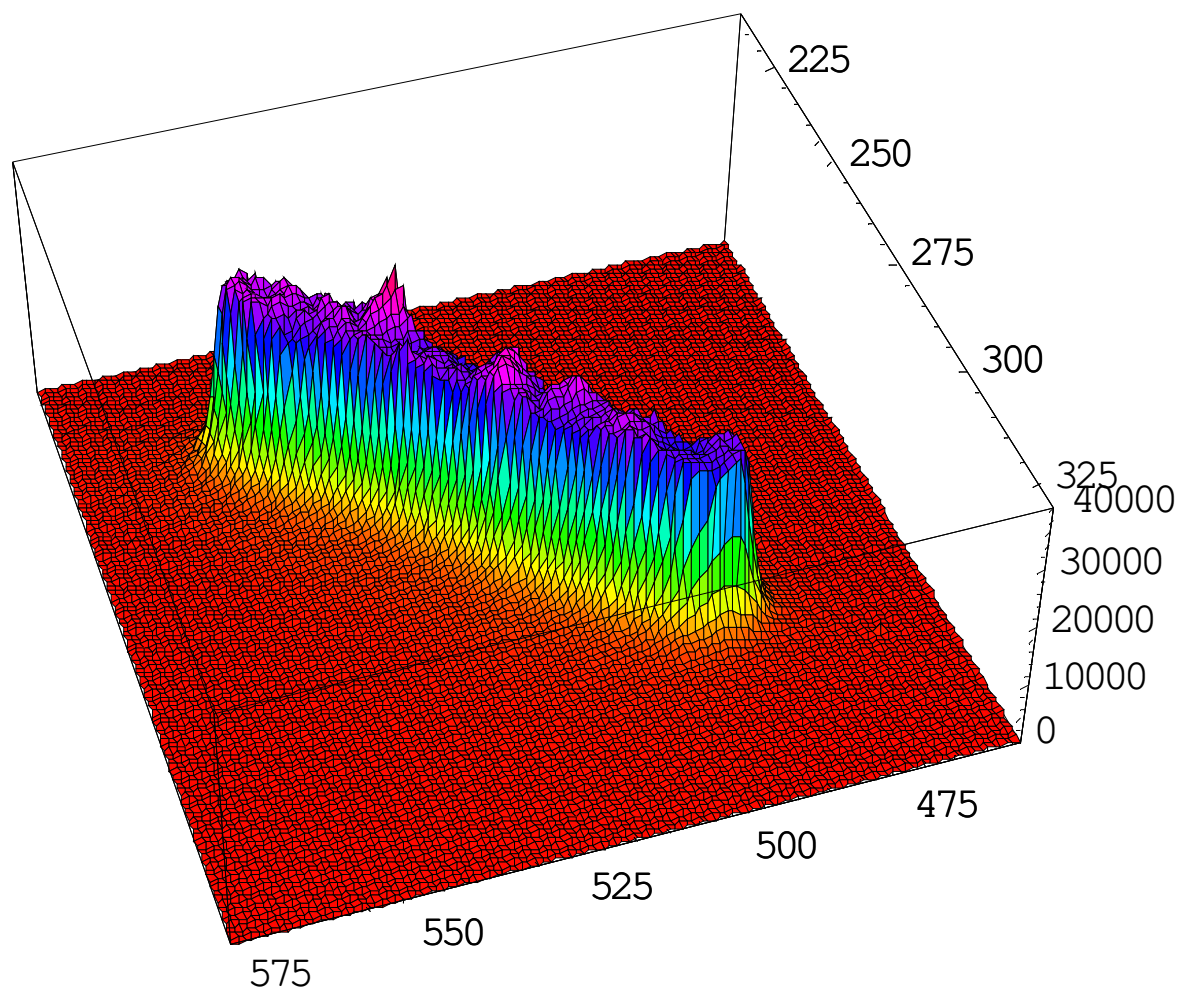


Circle '+' Fit on path

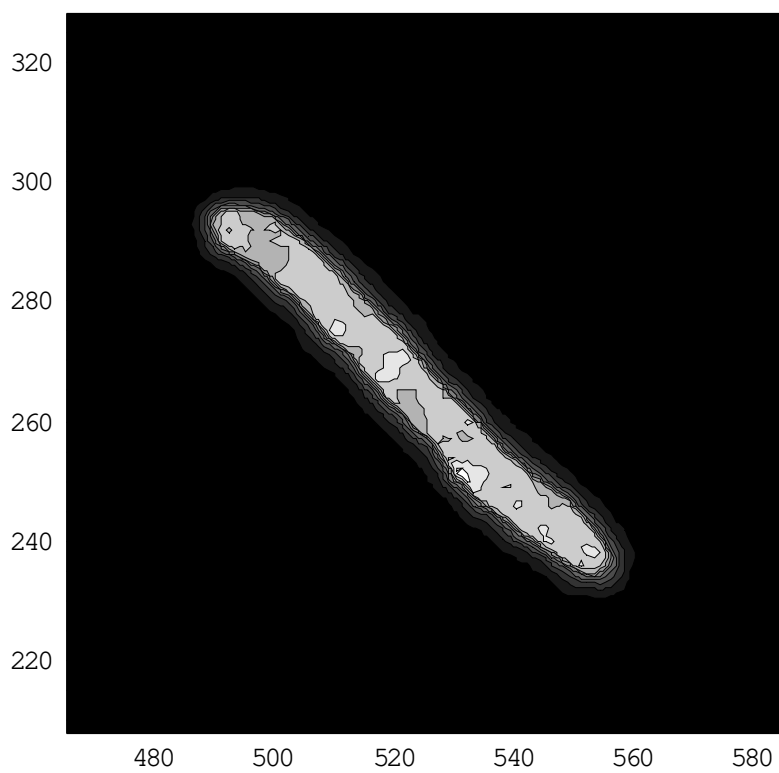


06-08-2008 A1 – JUNCAL

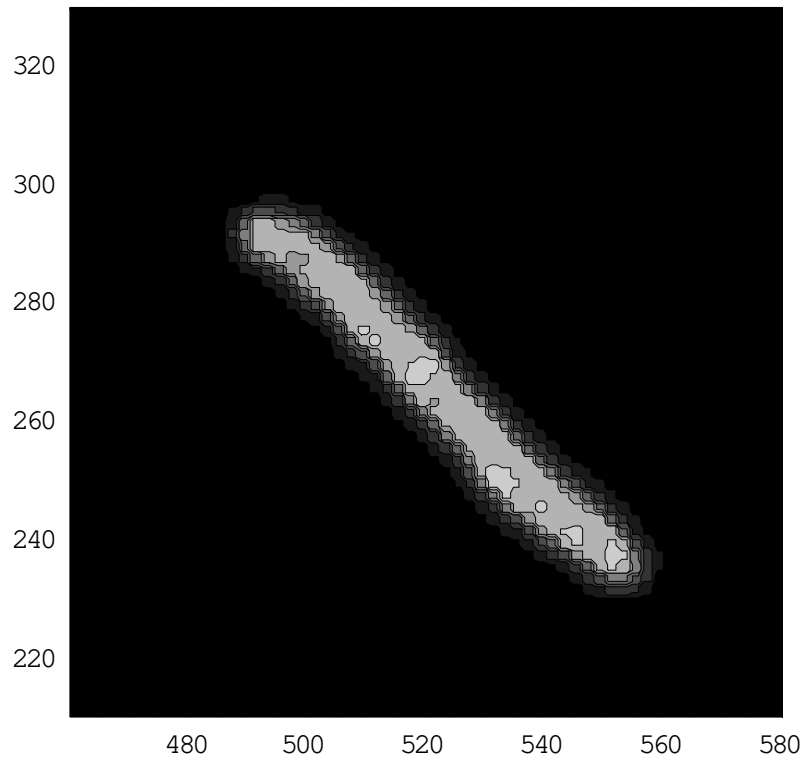
Trail 3D



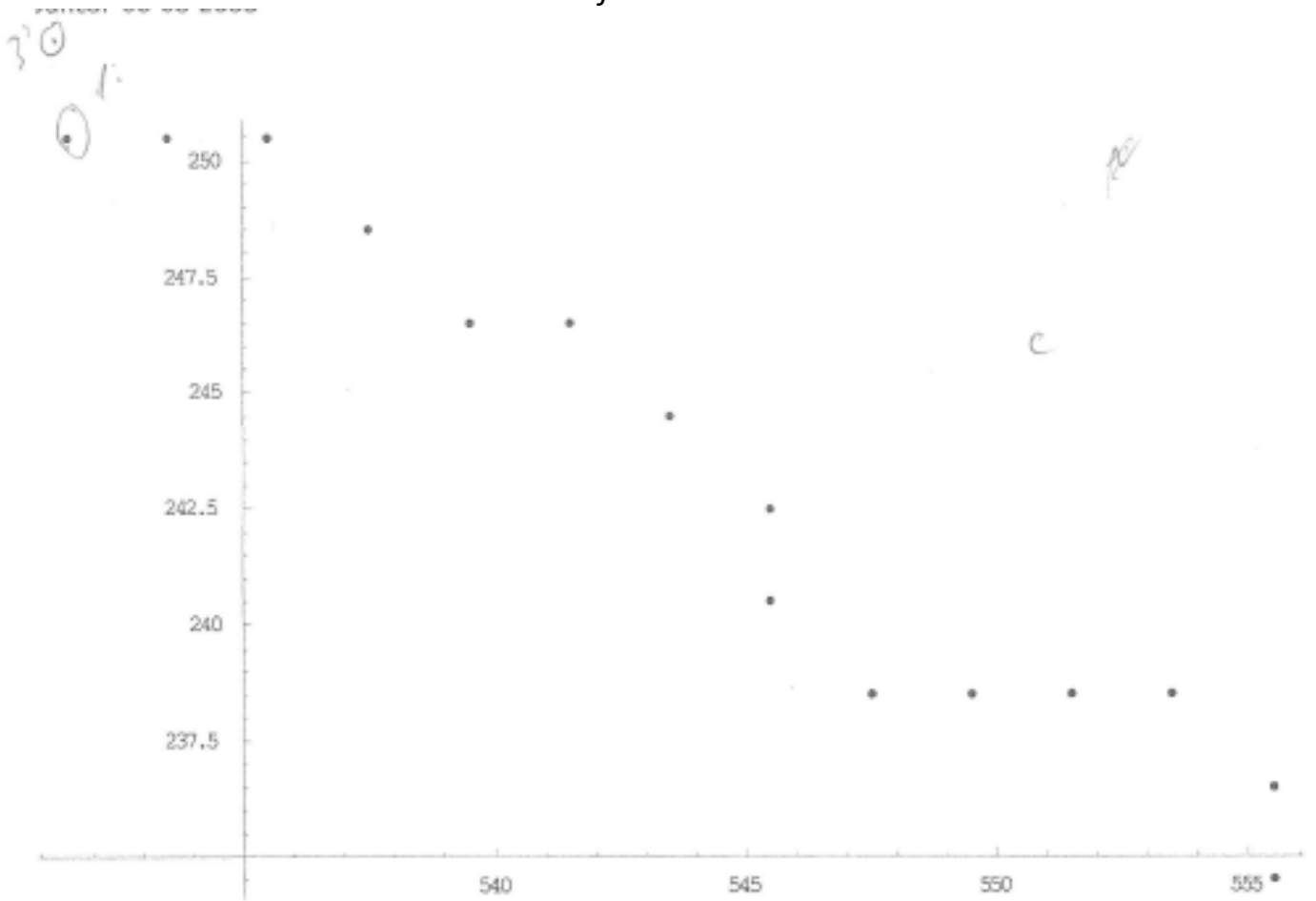
Contour 1x1

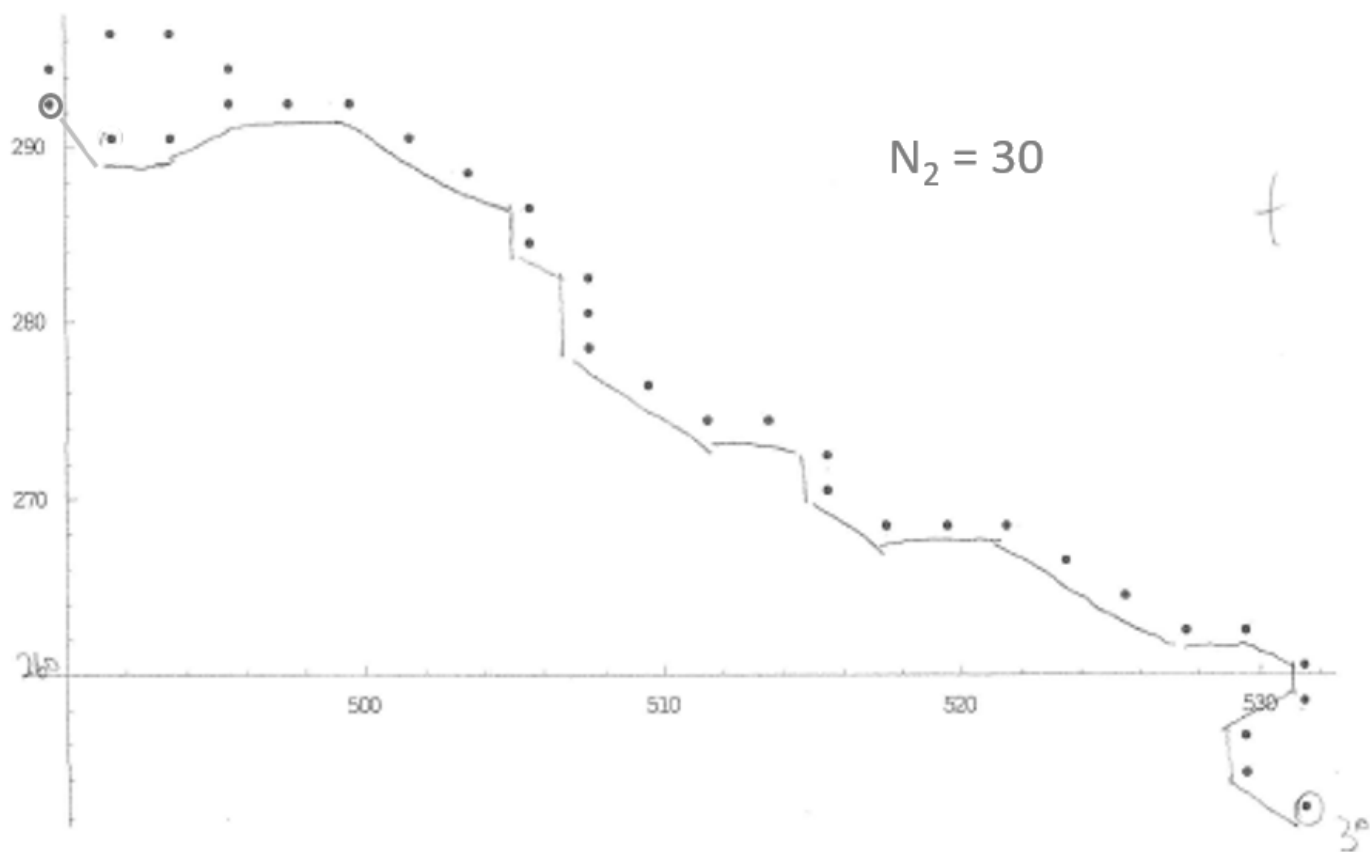


Contour 2x2

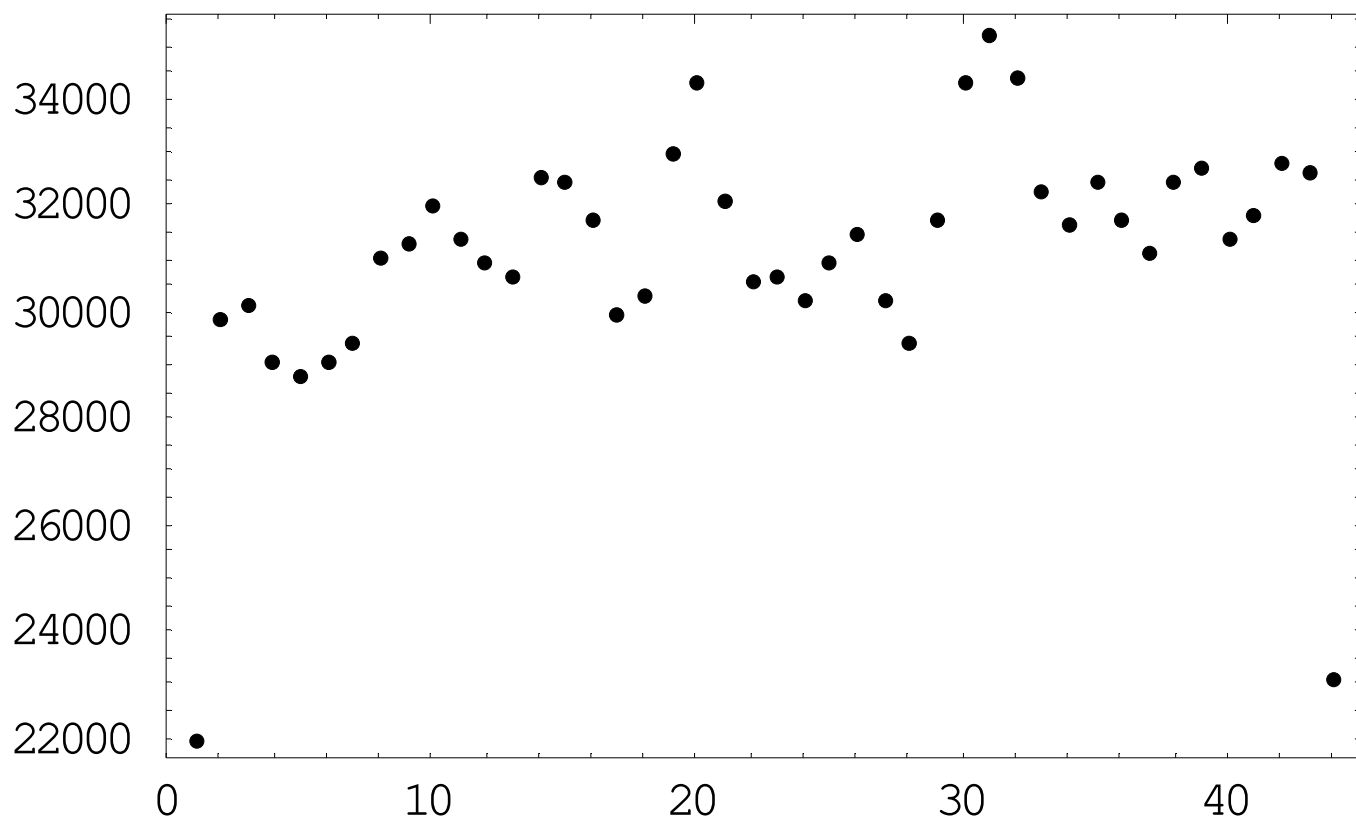


c+f vectors

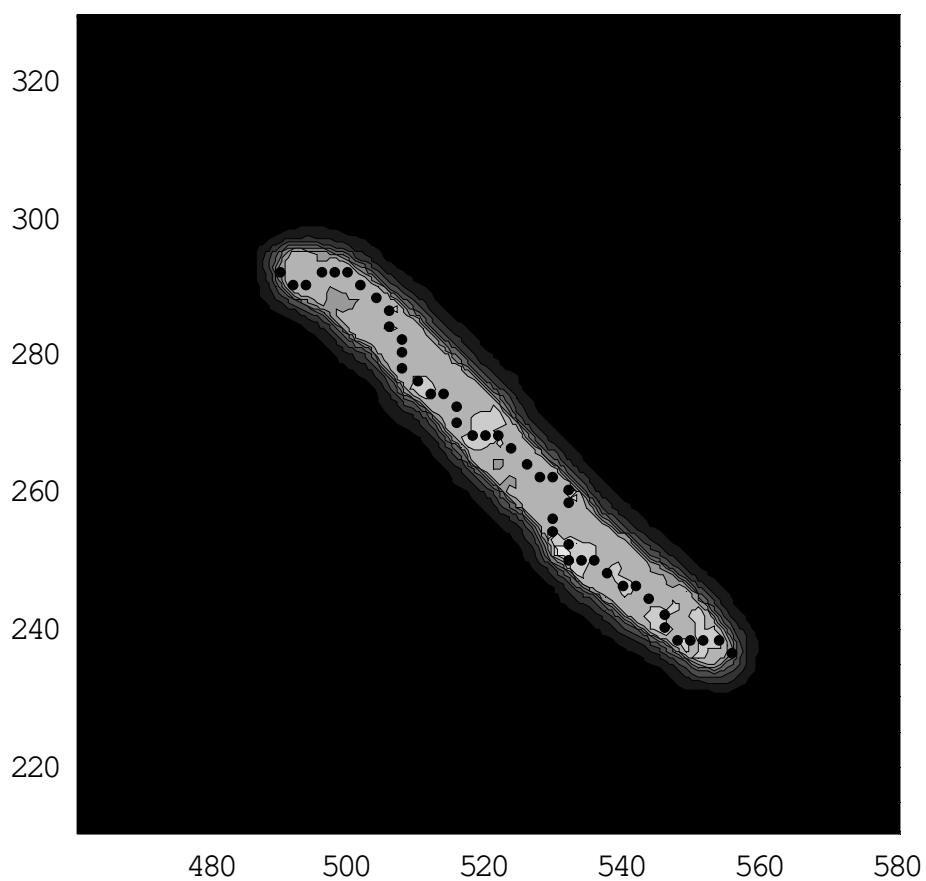




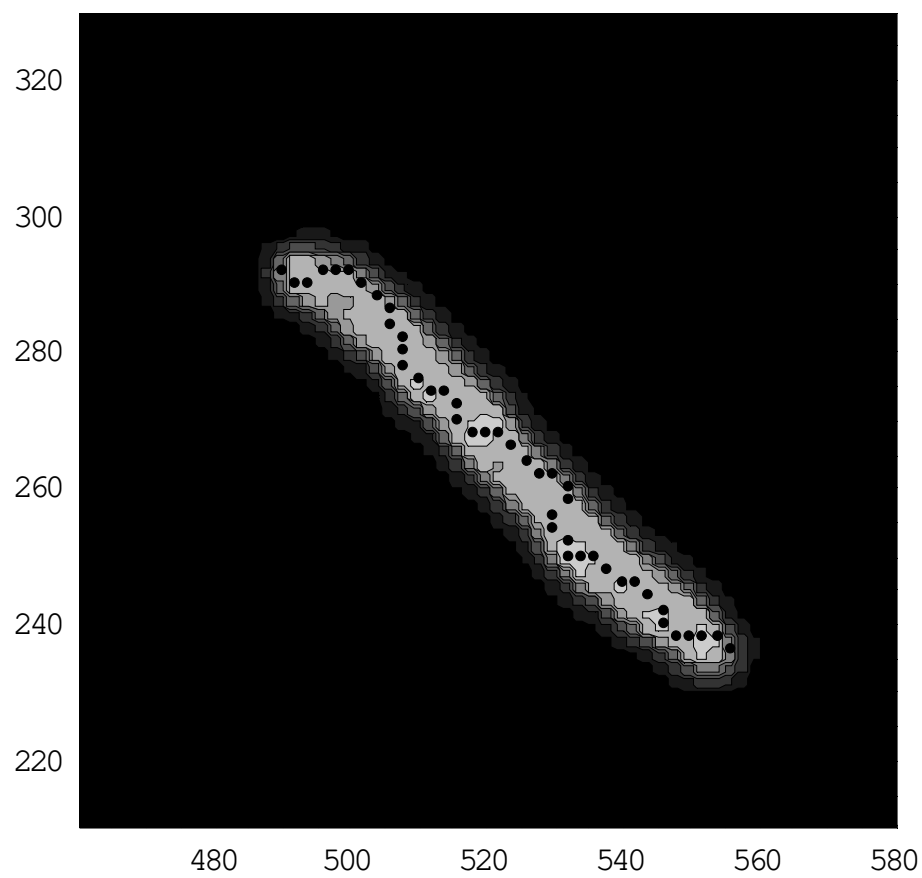
Trail (ADU profile)



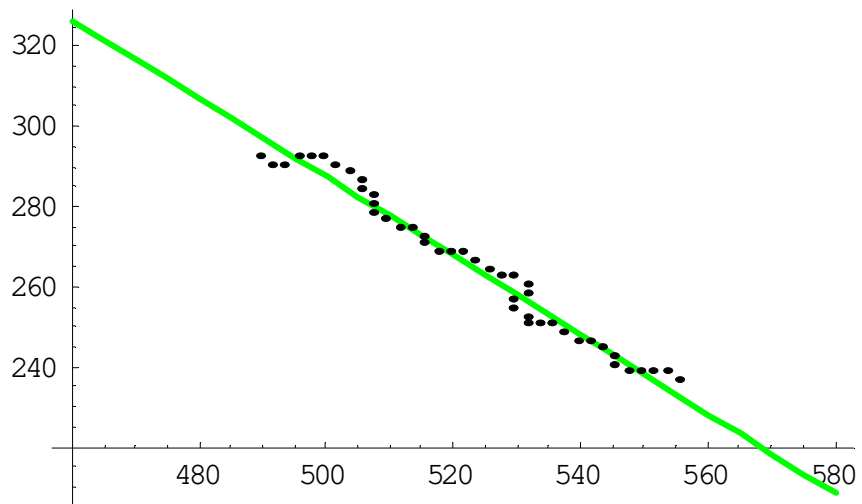
Trail + Contour 1x1



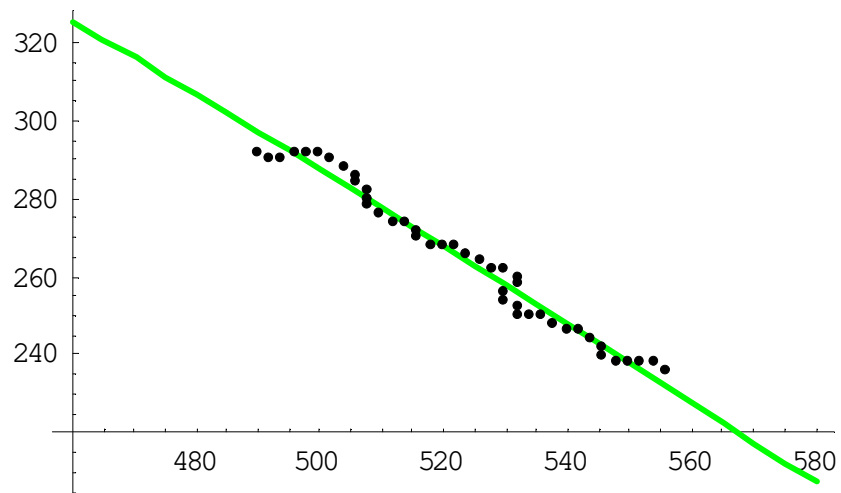
Trail + Contour 2x2



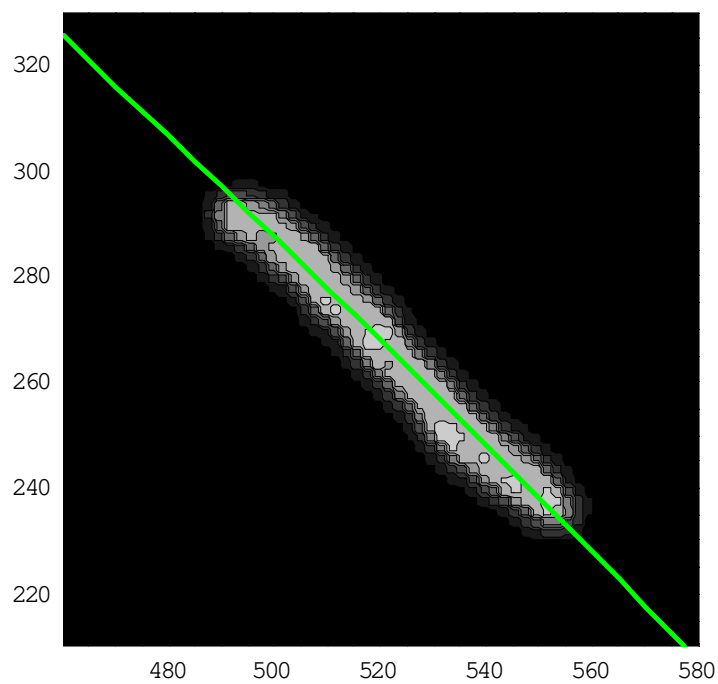
Parabole Fit



Circle '+' Fit



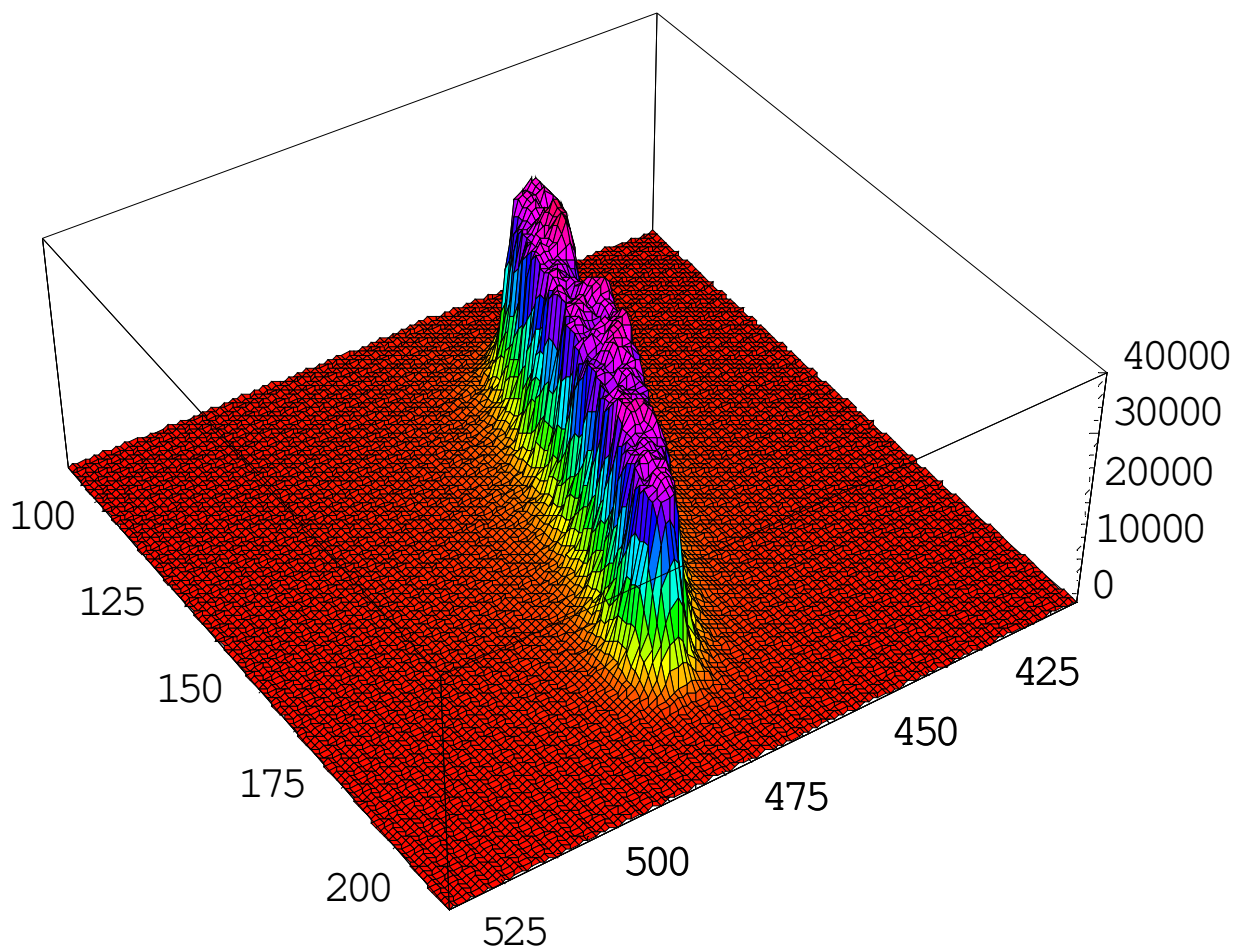
Circle '+' Fit on path



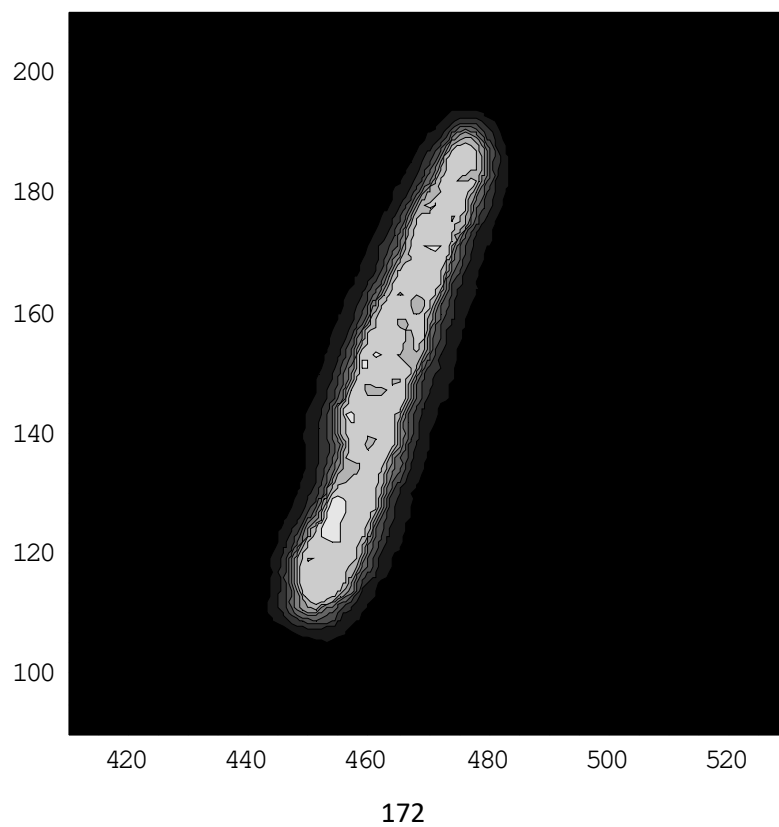
06-08-2008

A2 - ACHADA GRANDE (with "lobe work")

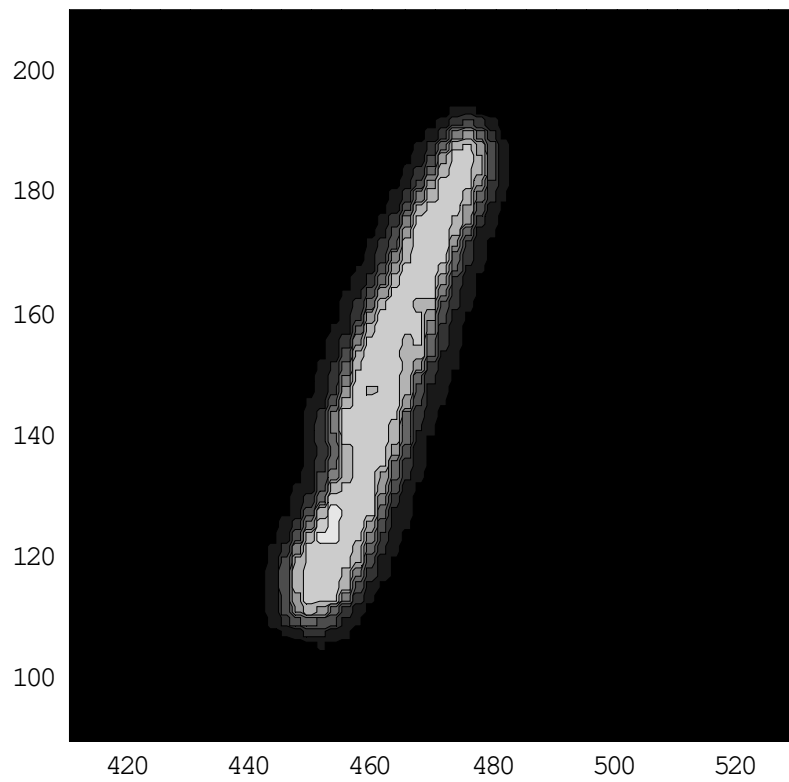
Trail 3D



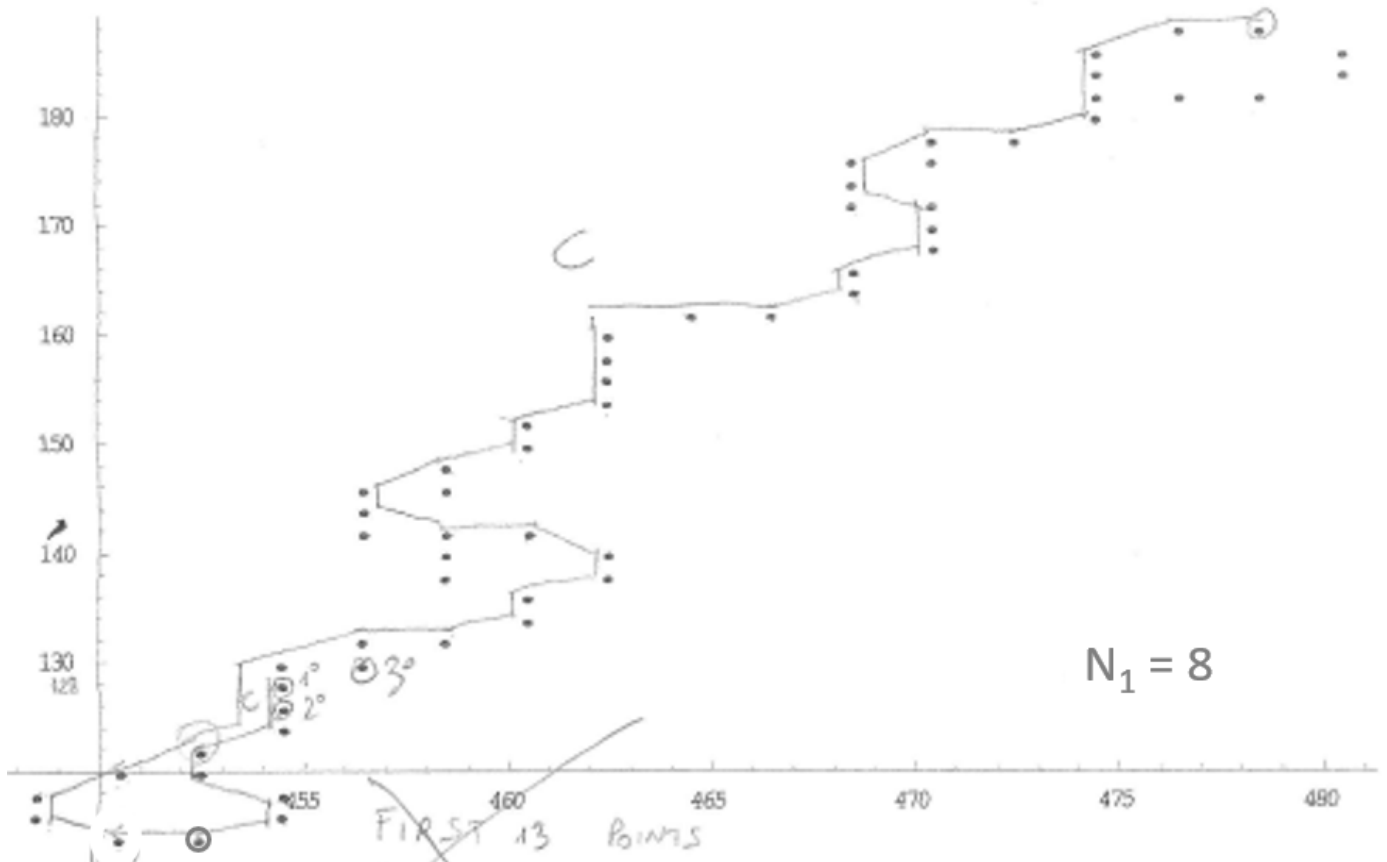
Contour 1x1

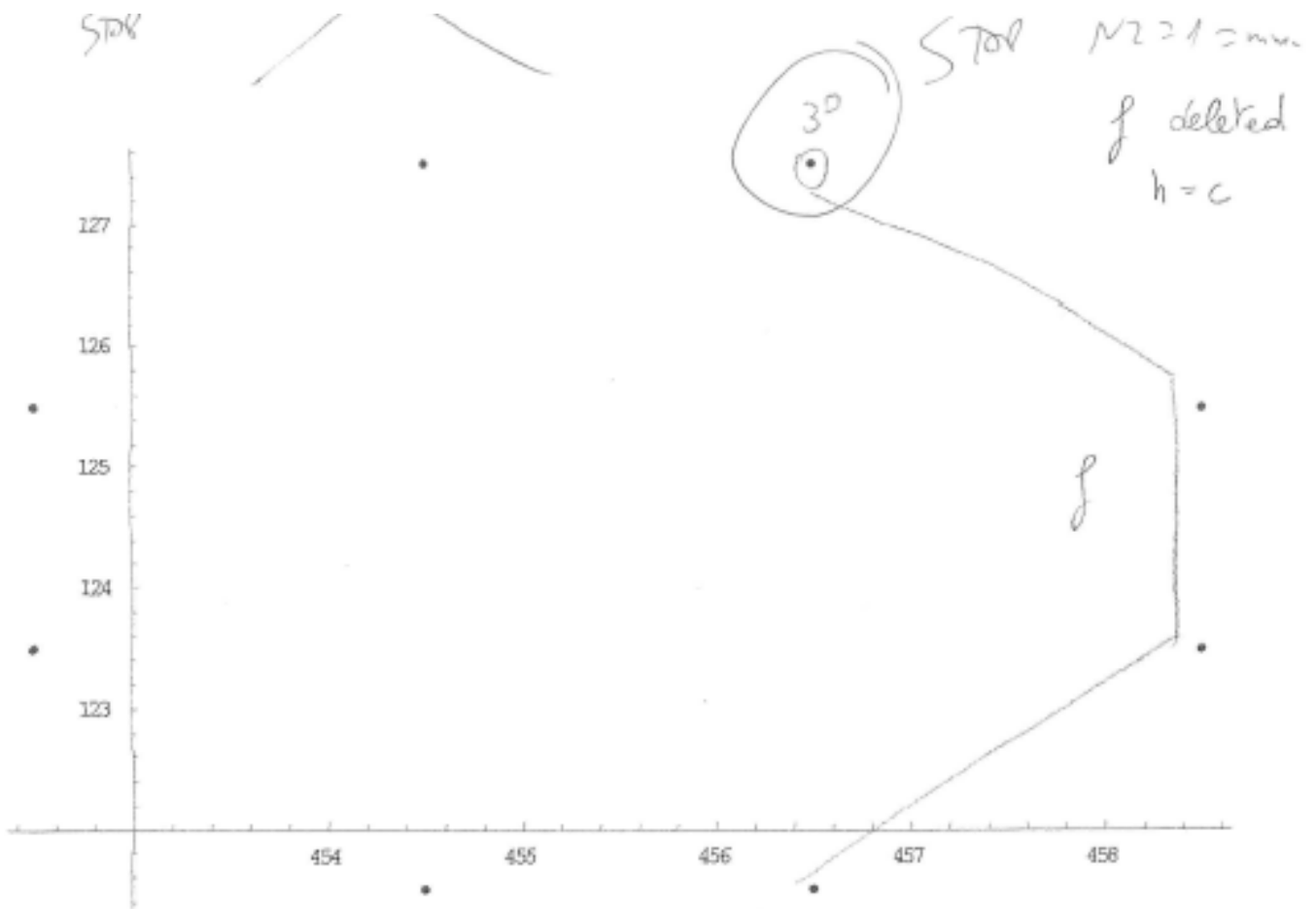


Contour 2x2

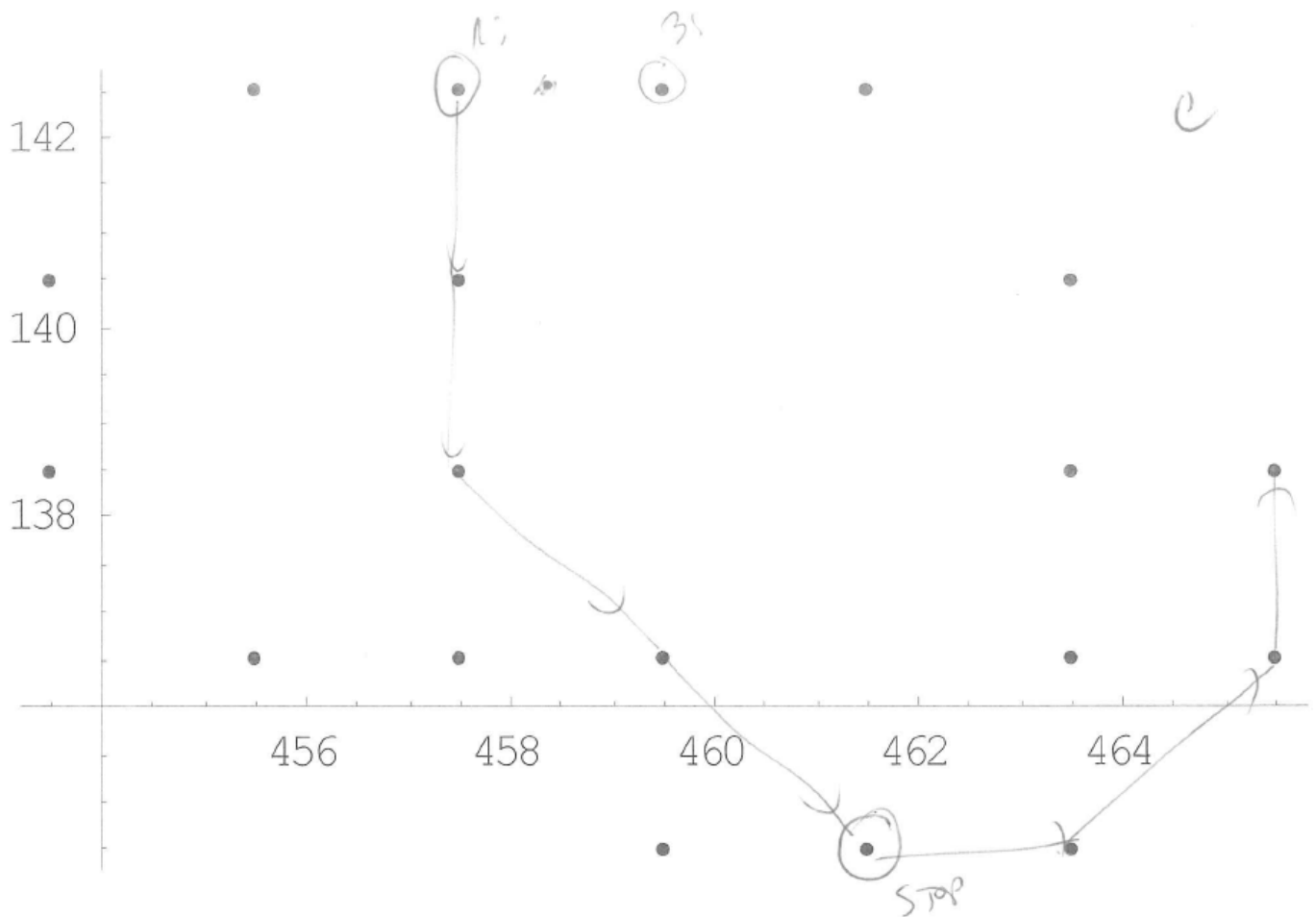


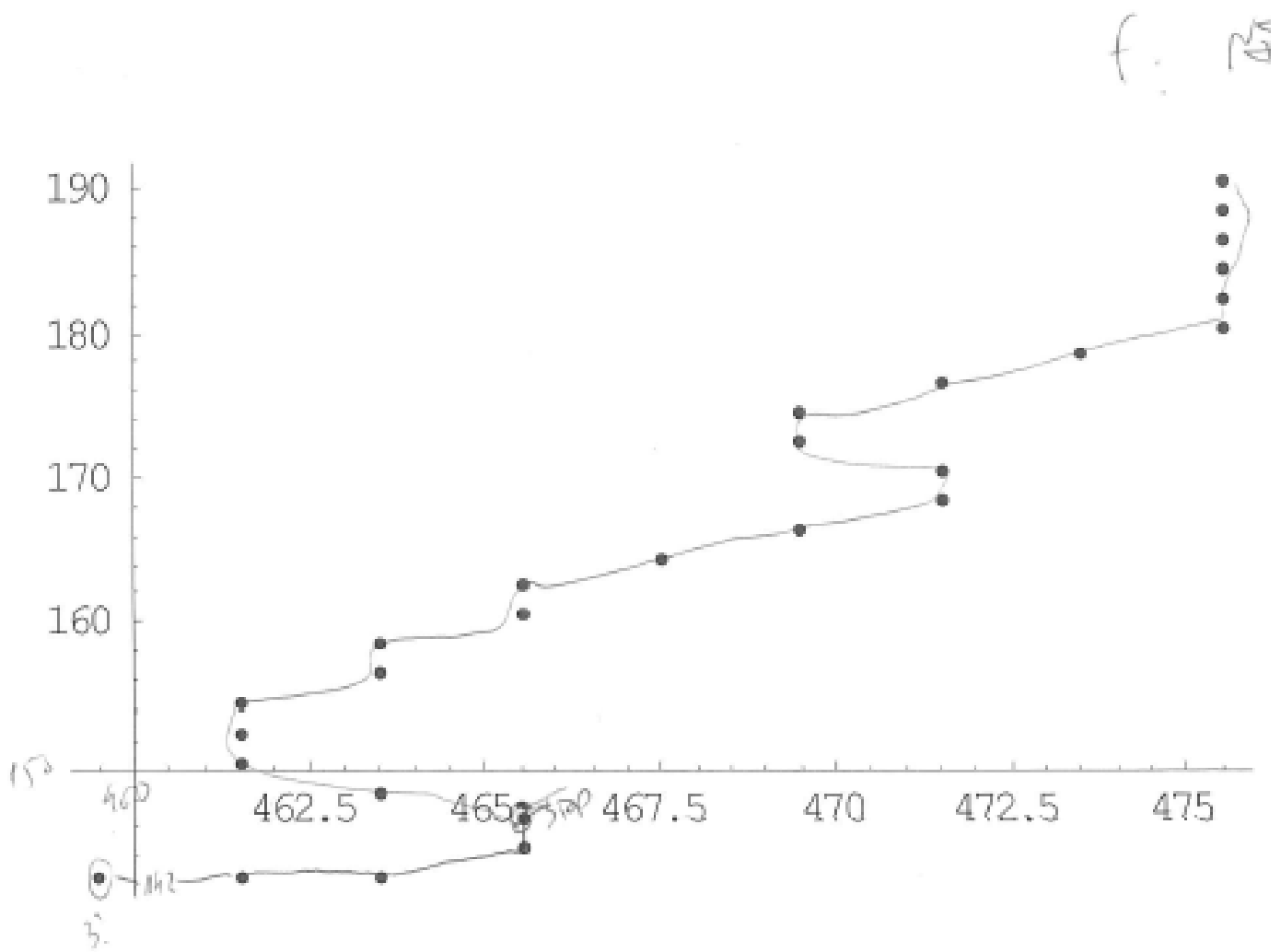
c+f vectors (main)



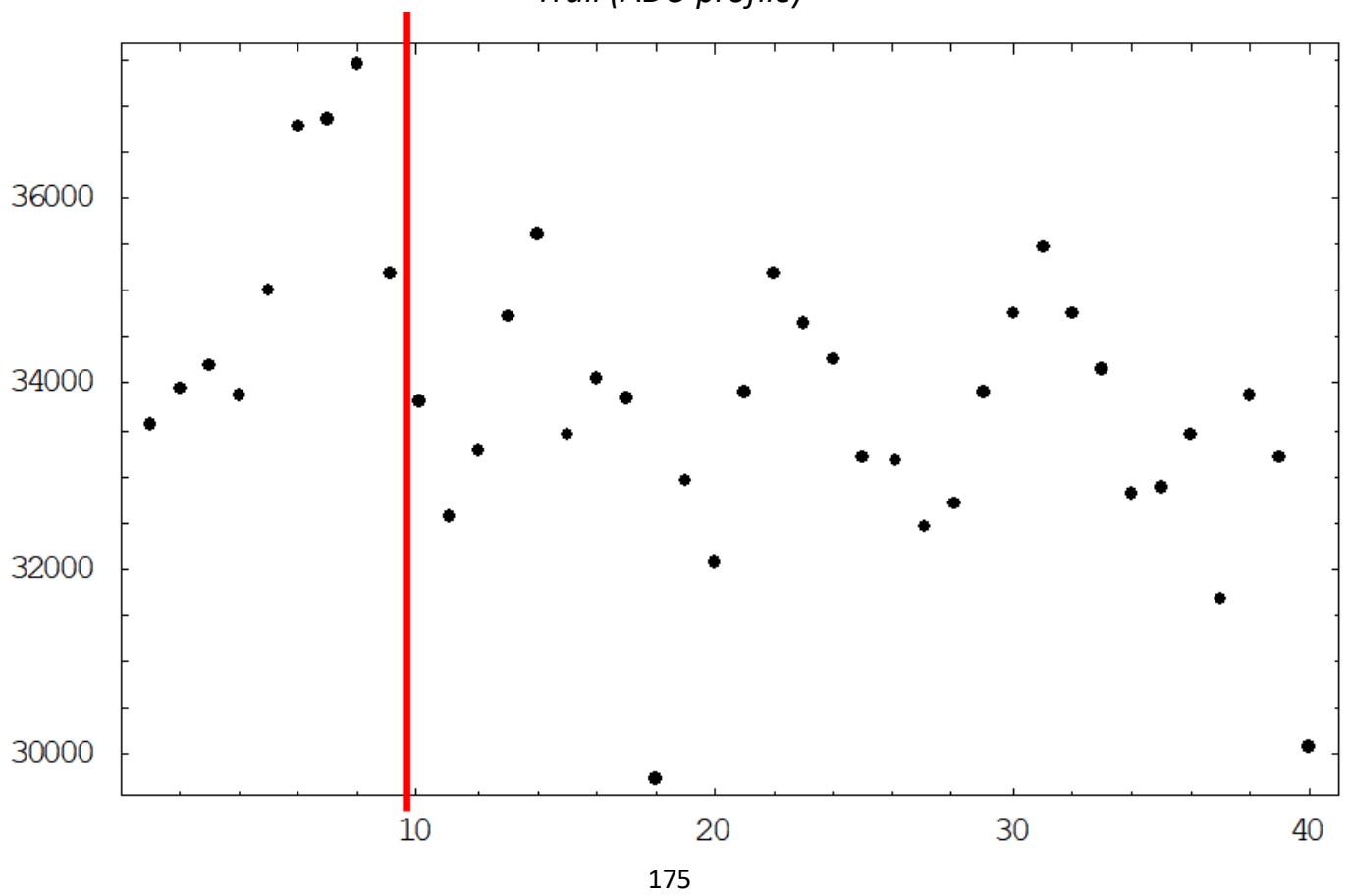


$c+f$ vectors (lobe)

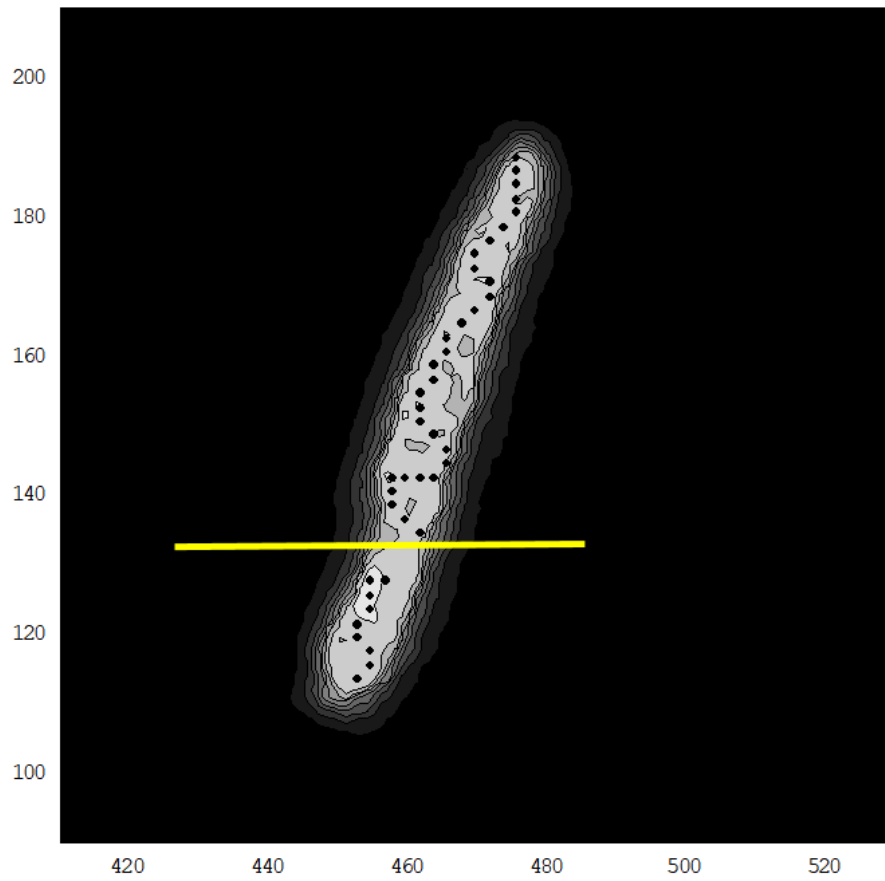




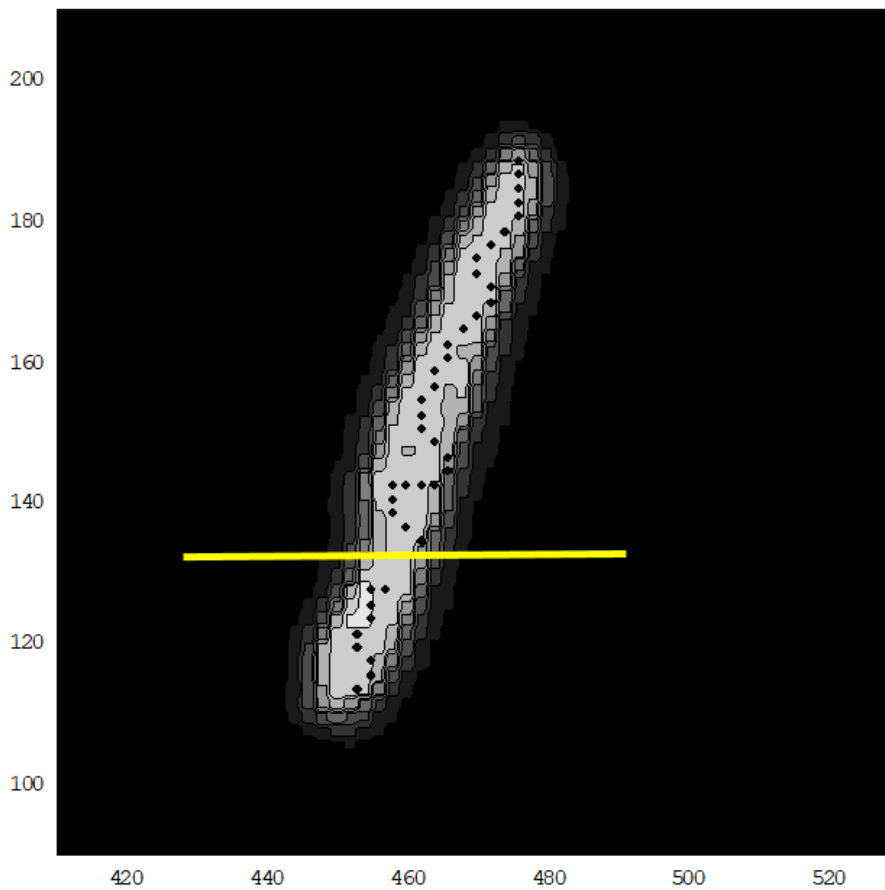
Trail (ADU profile)



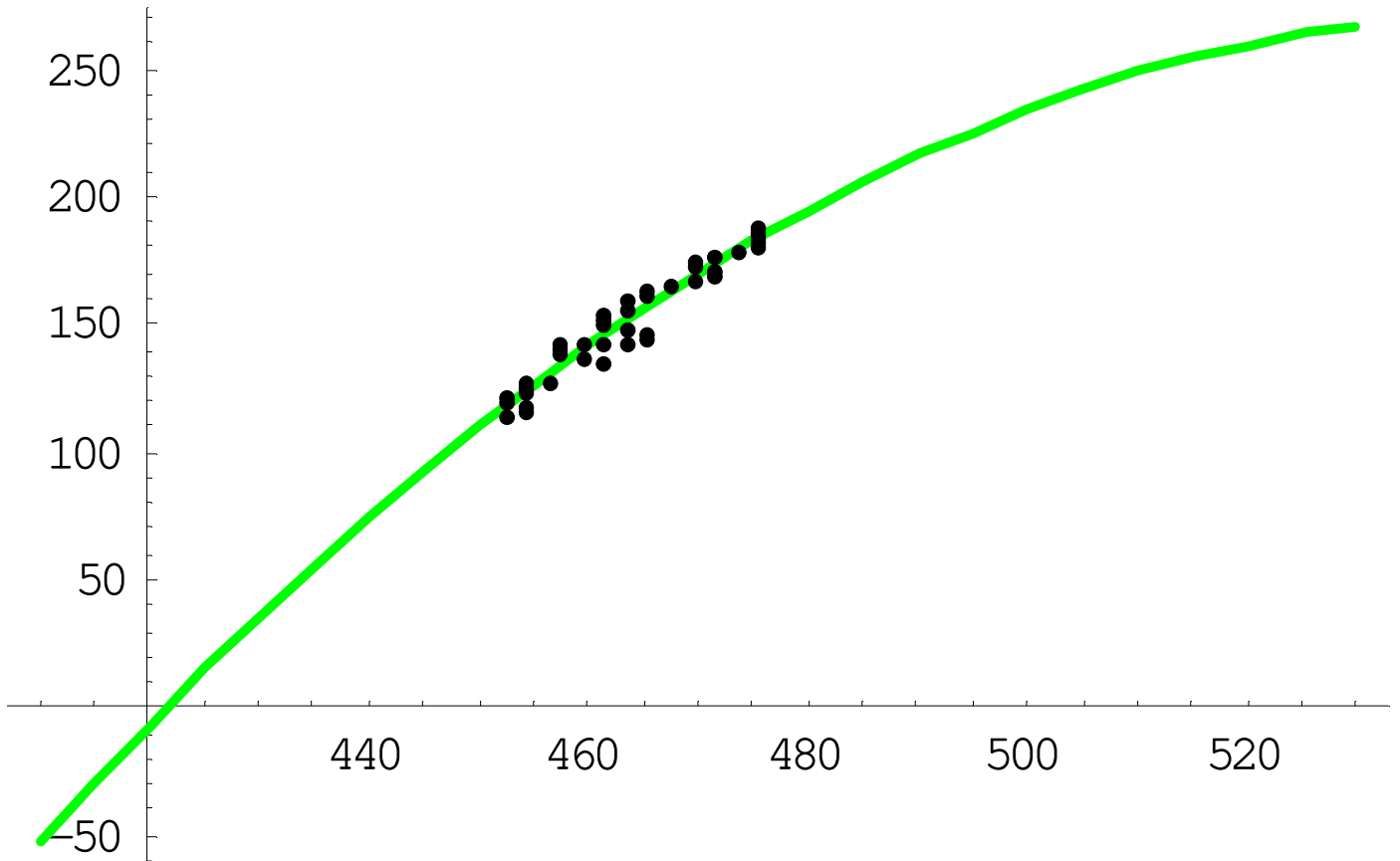
Trail + Contour 1x1



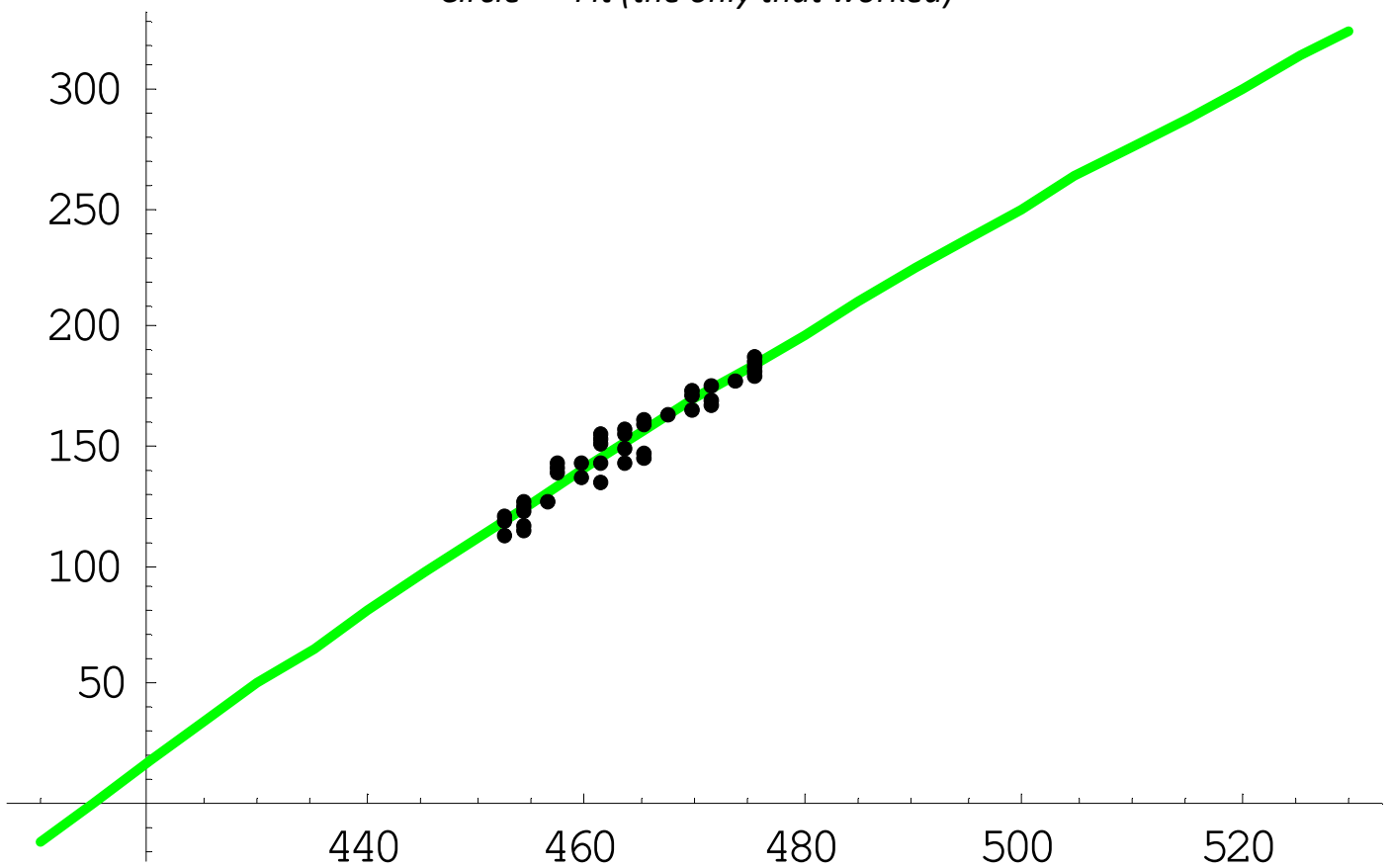
Trail + Contour 2x2



Parabole Fit



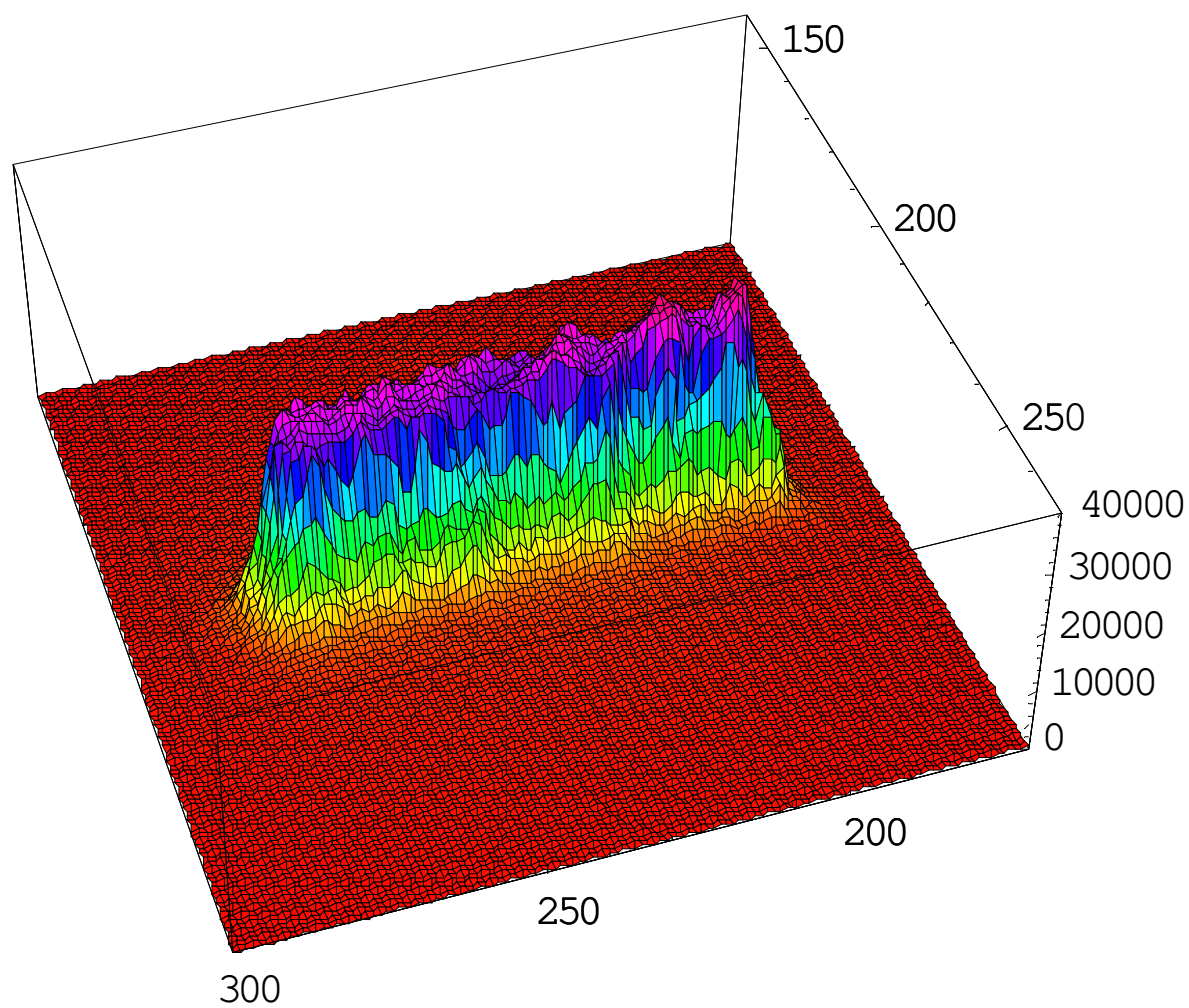
Circle '+' Fit (the only that worked)



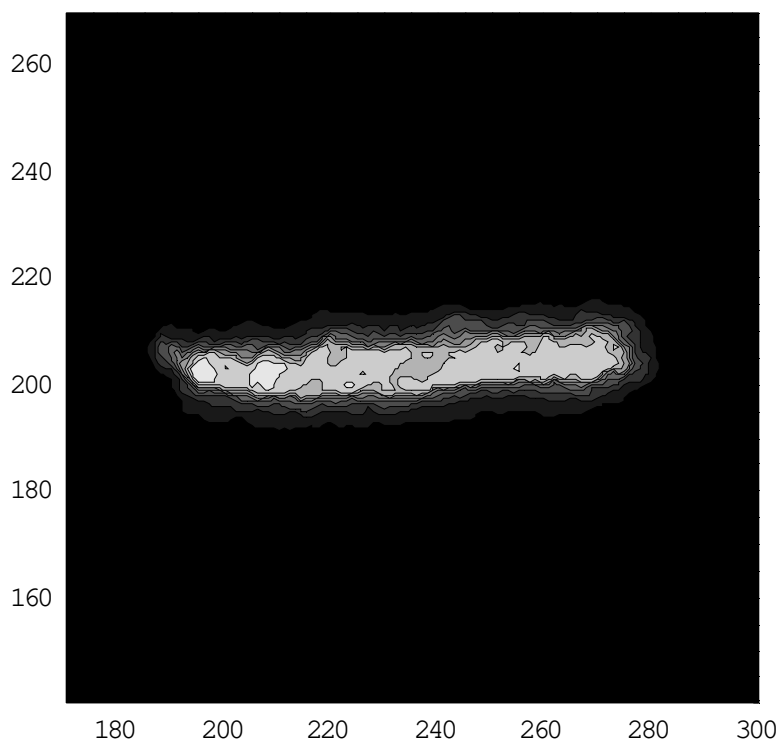
22-09-2008

A1 – JUNCAL (with “lobe work”)

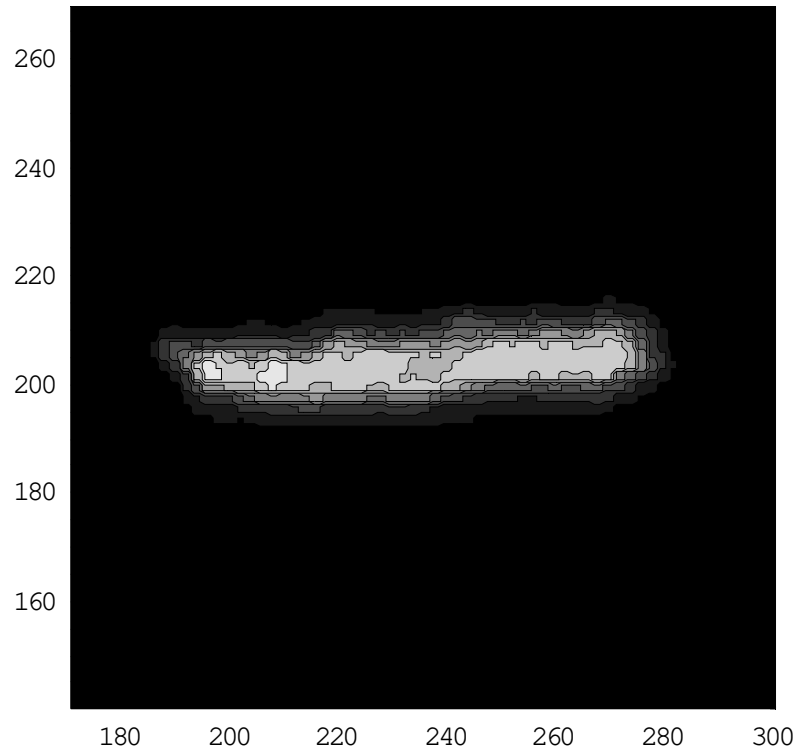
Trail 3D



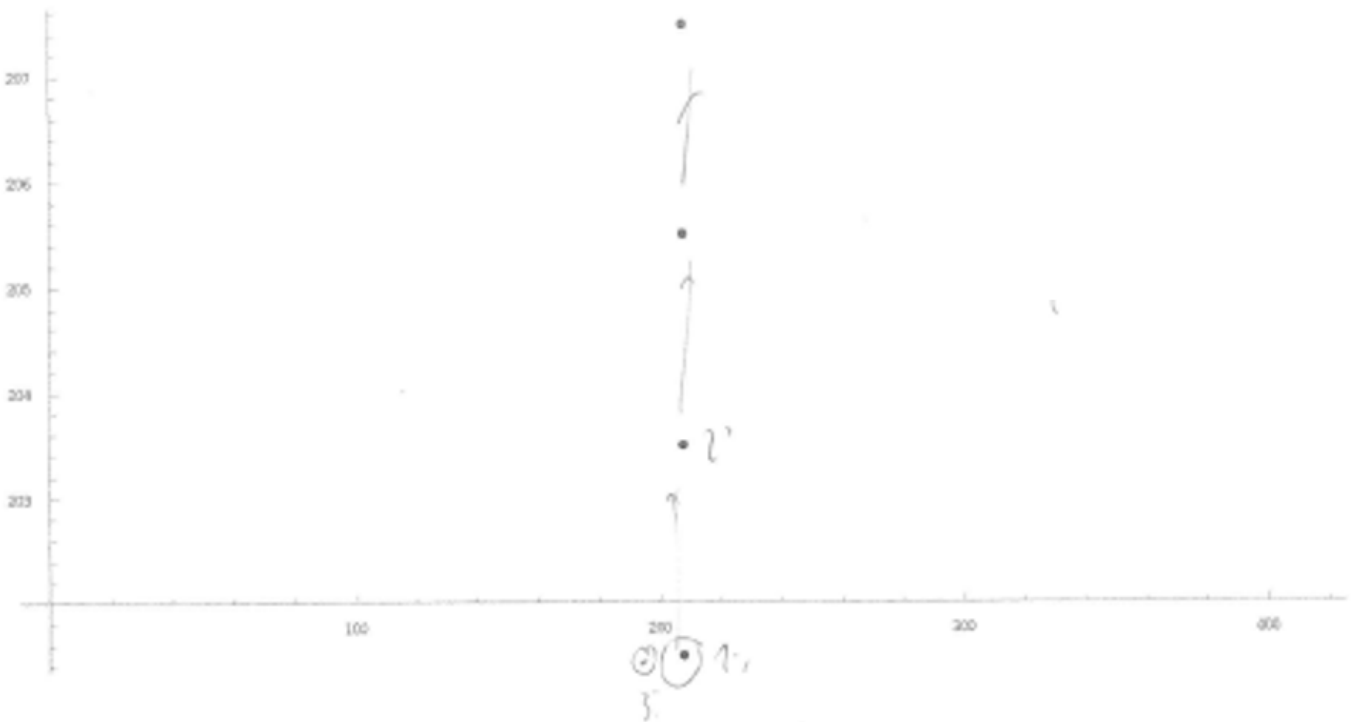
Contour 1x1

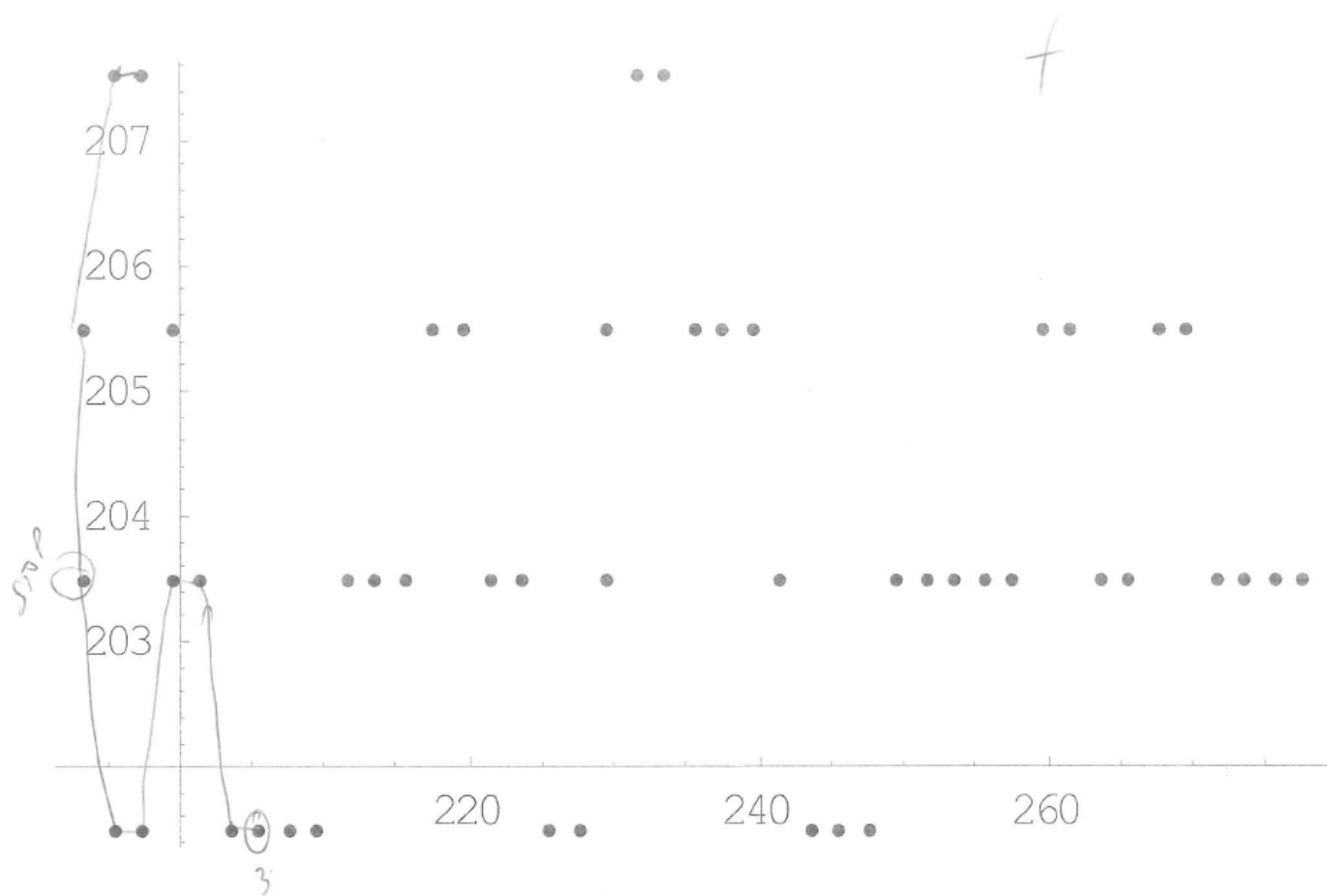


Contour 2x2

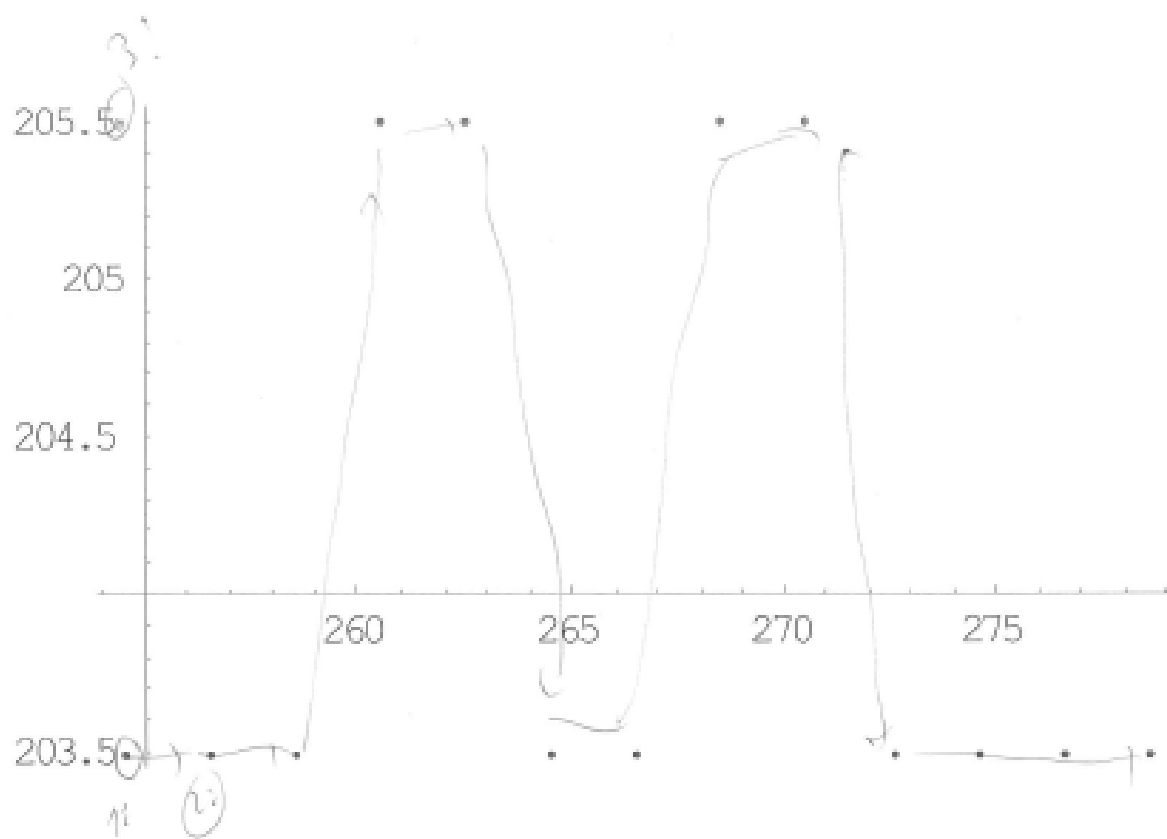


c+f vectors (main)



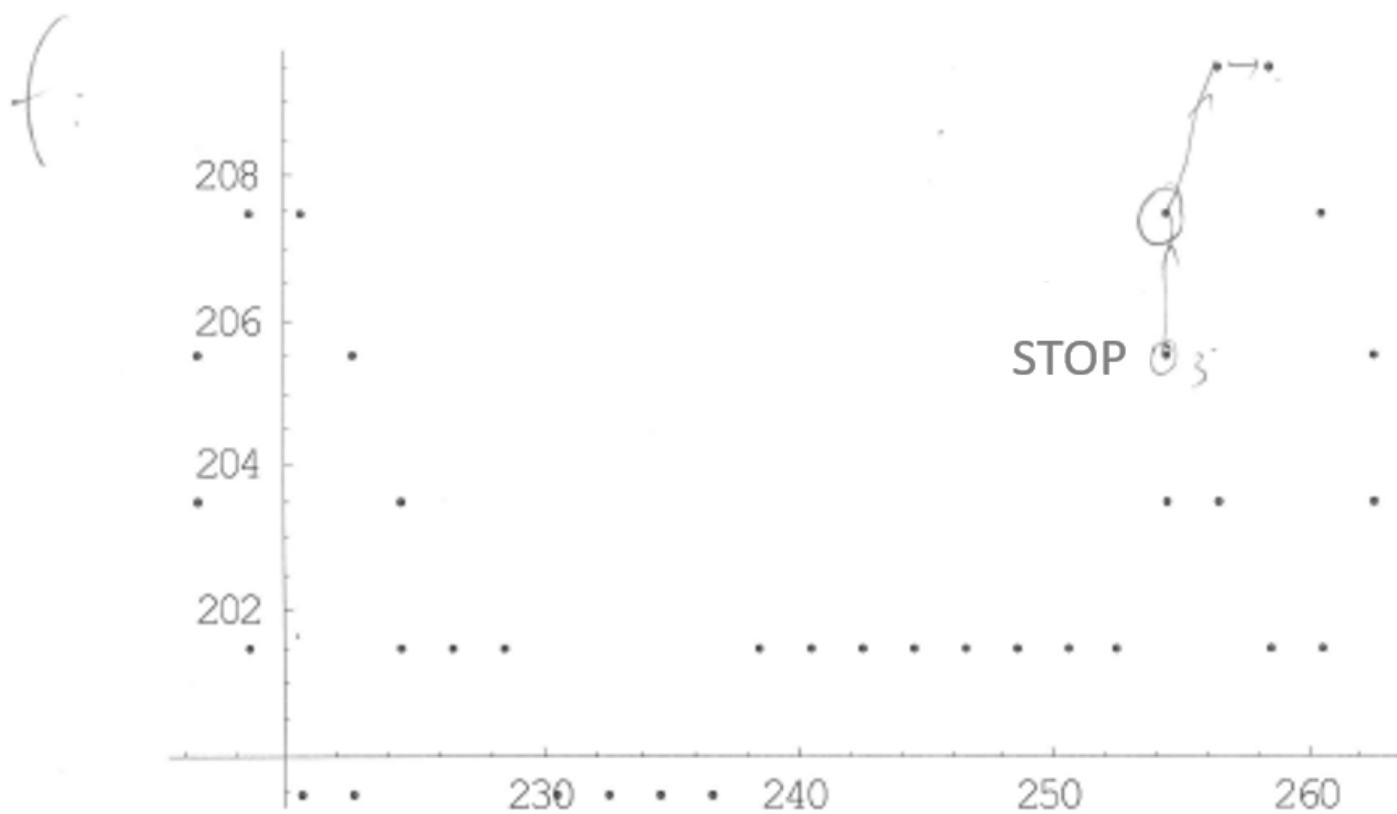


c+f vectors (right lobe)

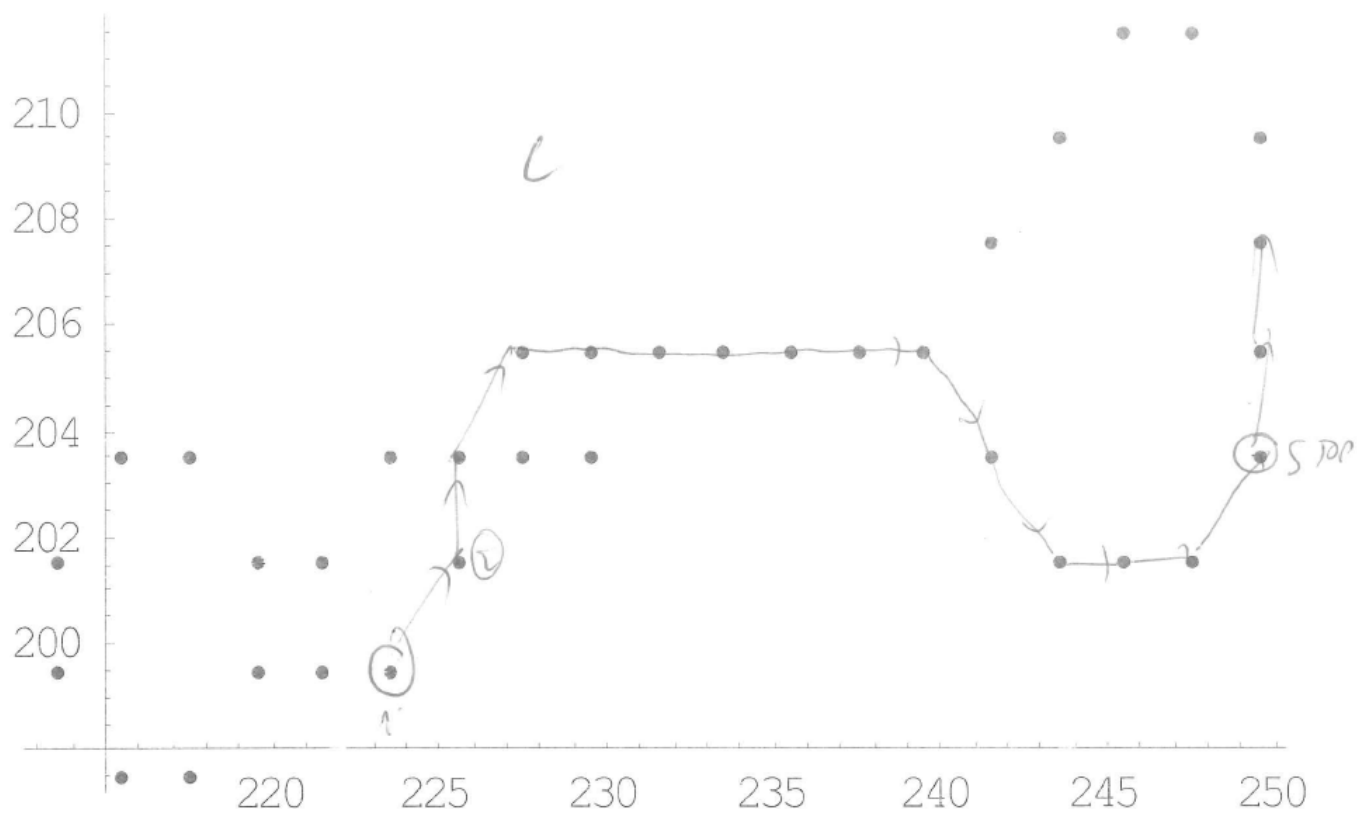


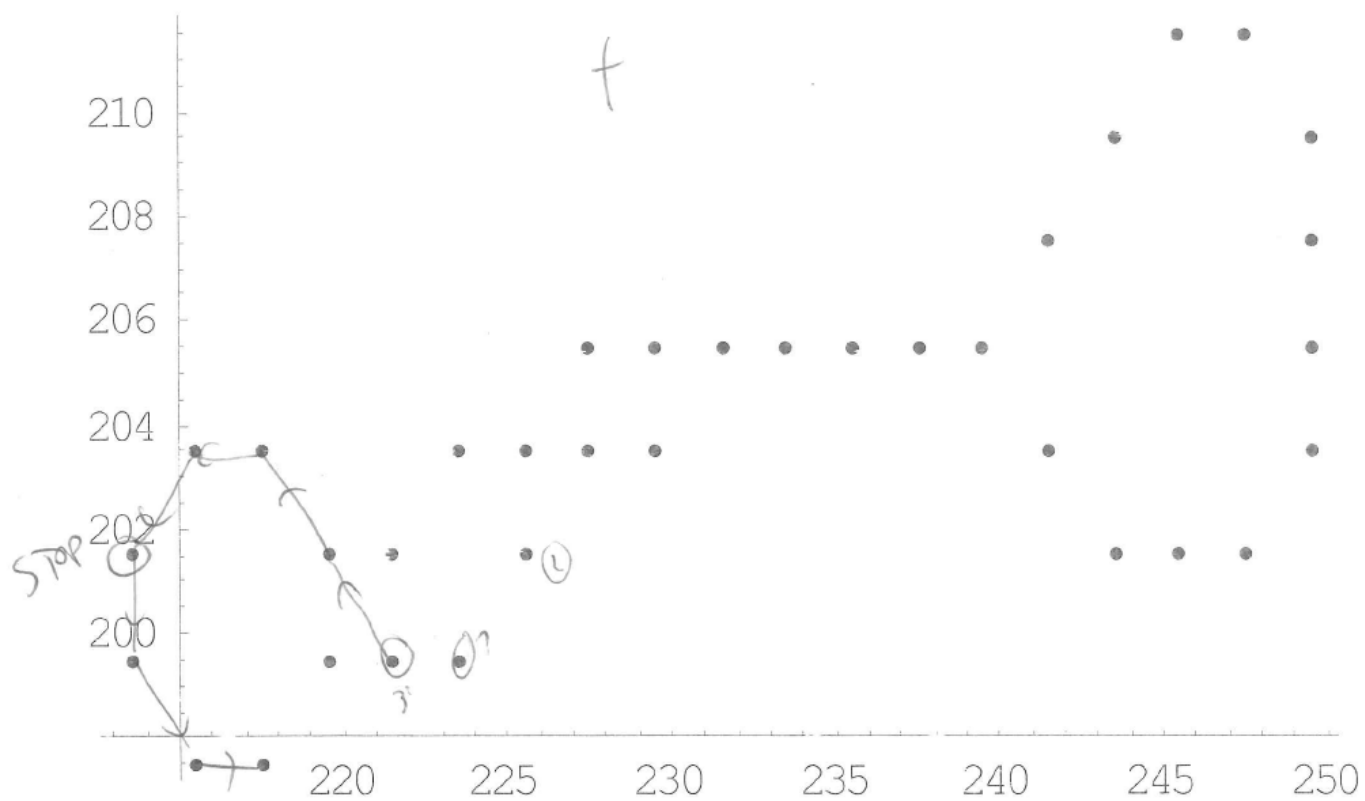
C:

$M_1 = 13$

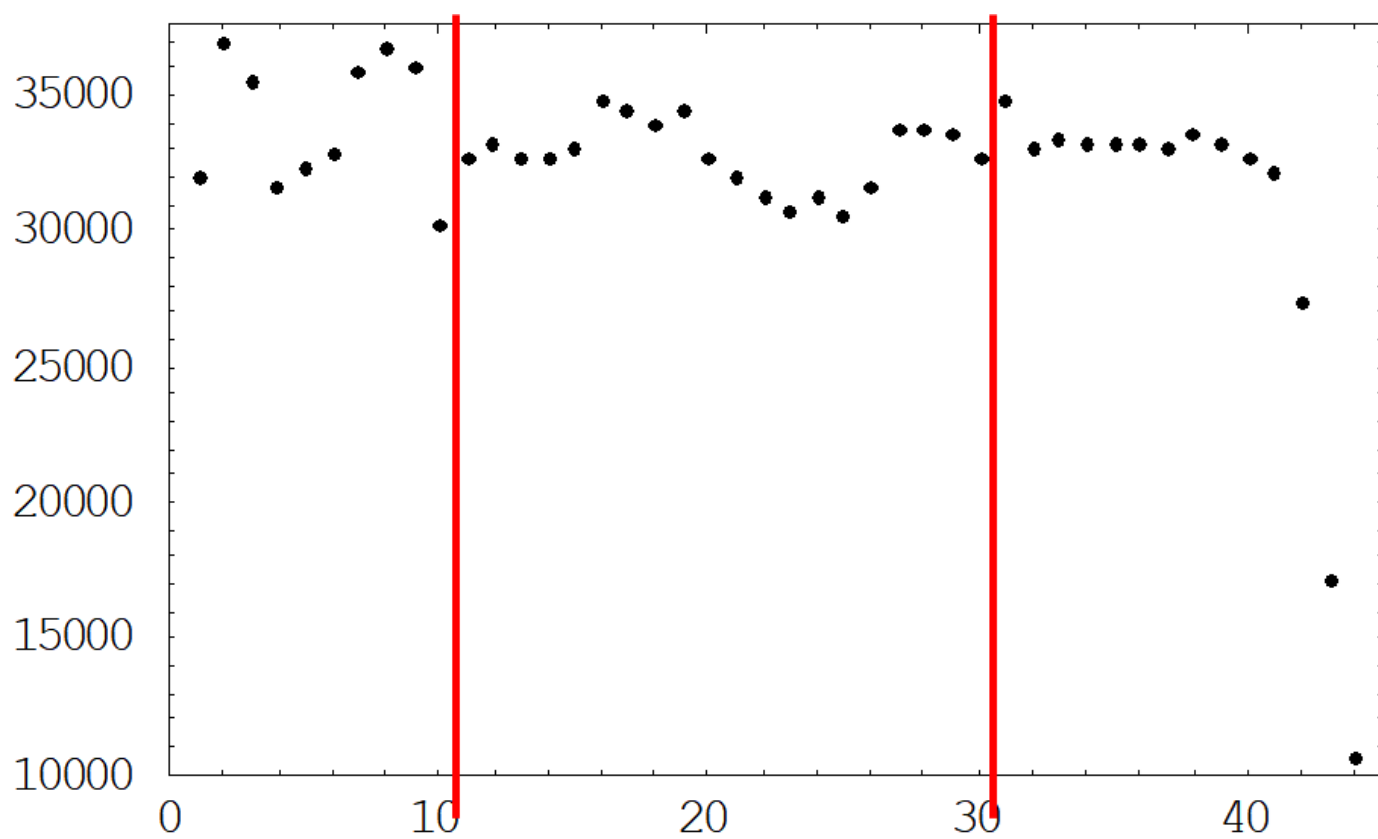


c+f vectors (central lobe)

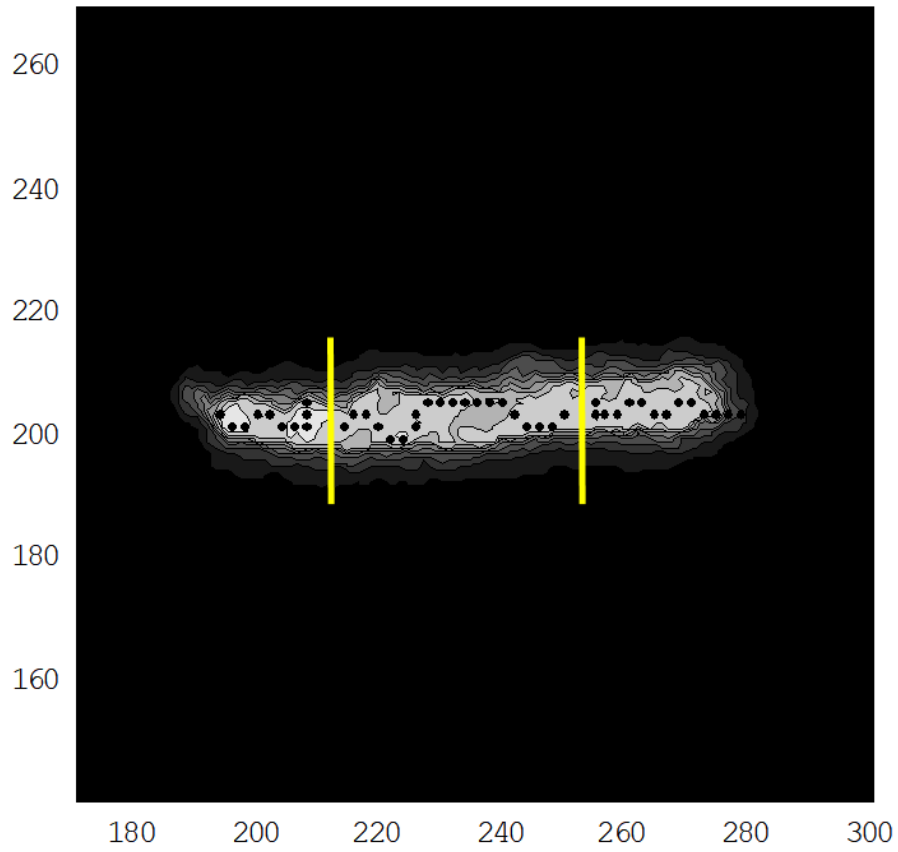




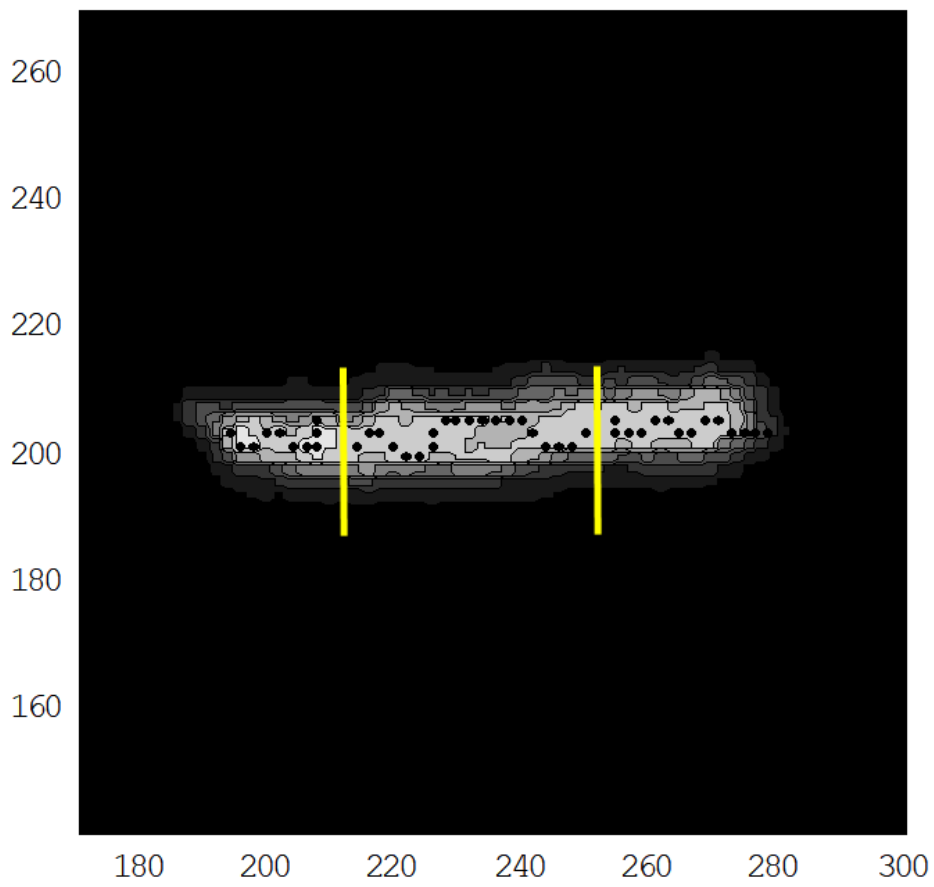
Trail (ADU profile)



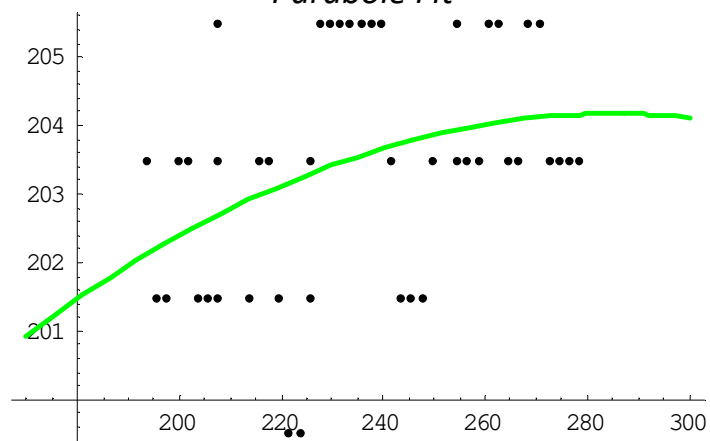
Trail + Contour 1x1



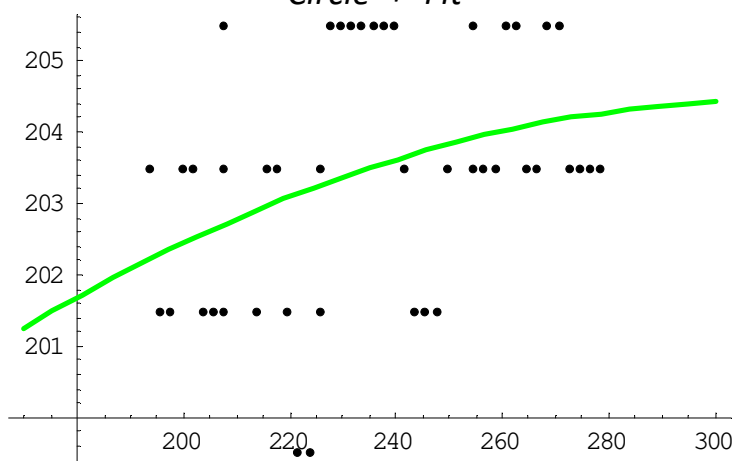
Trail + Contour 2x2



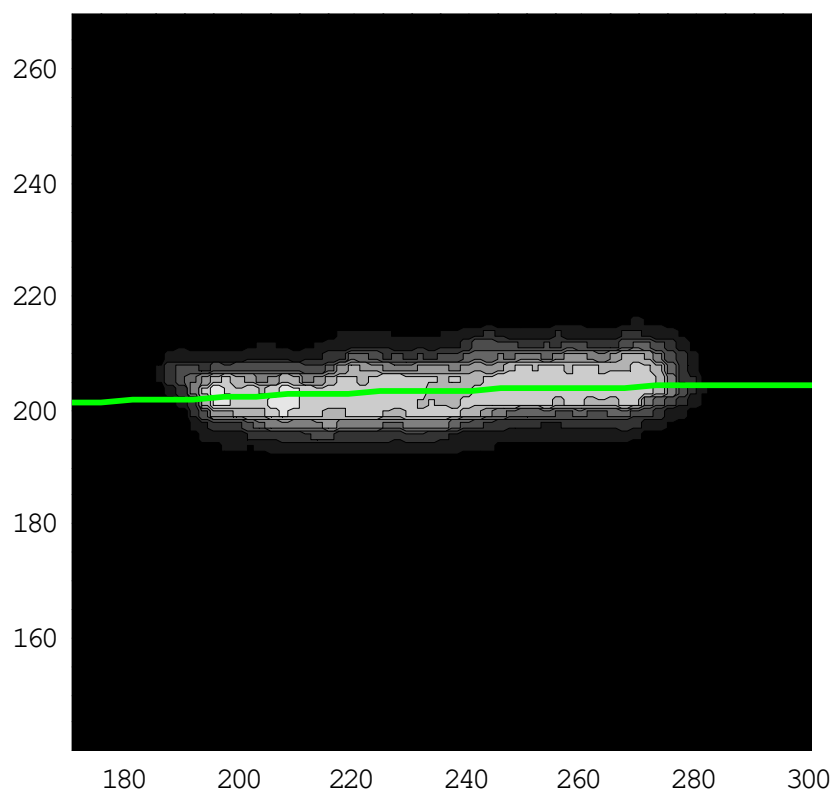
Parabole Fit



Circle '+' Fit



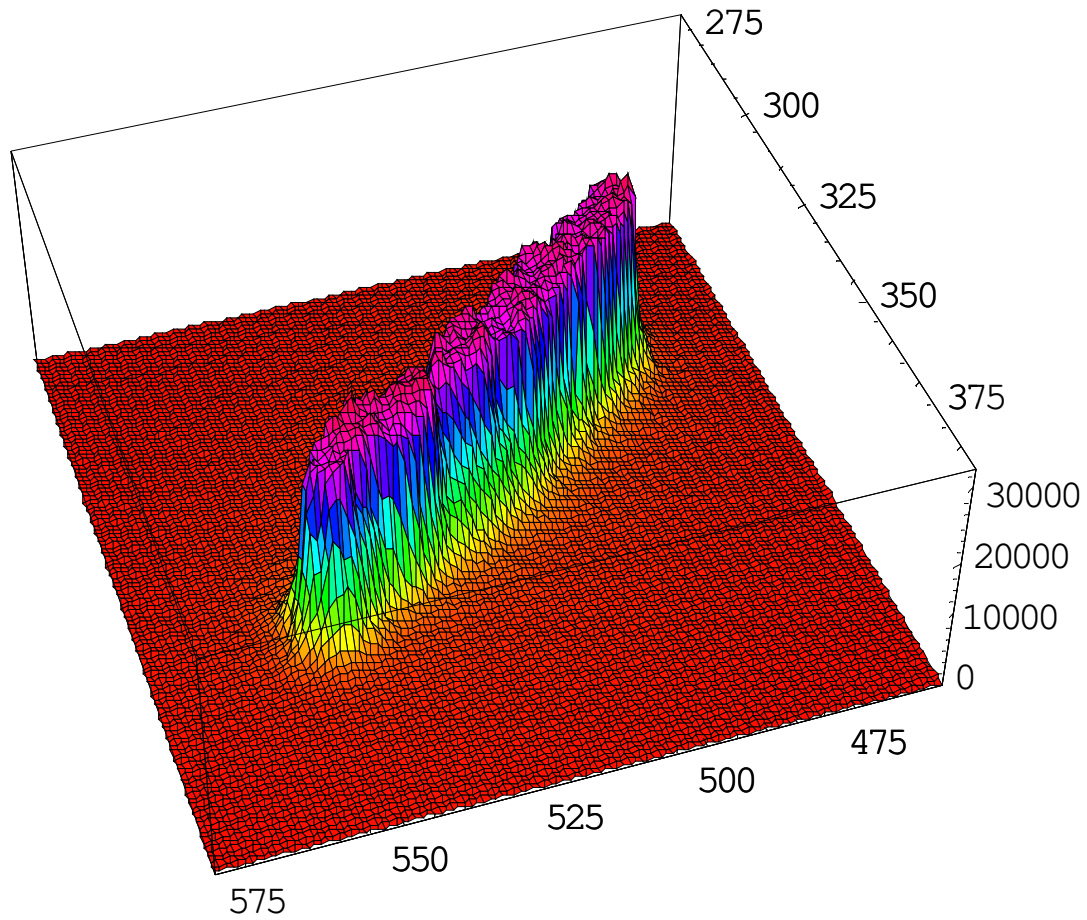
Circle '+' Fit on path



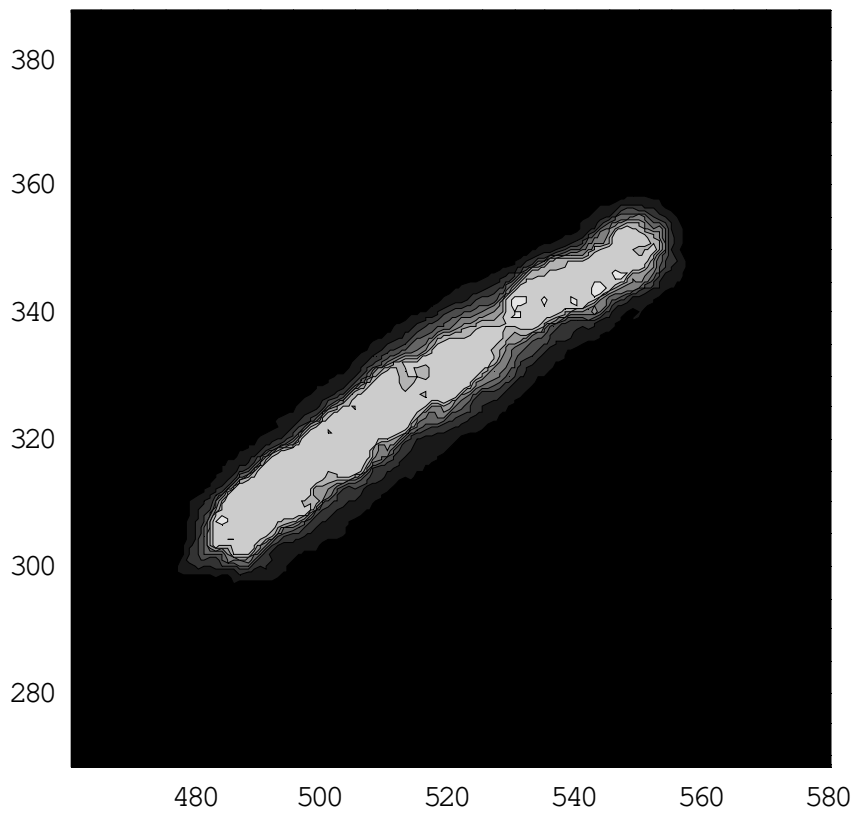
22-09-2008

A2 - ACHADA GRANDE

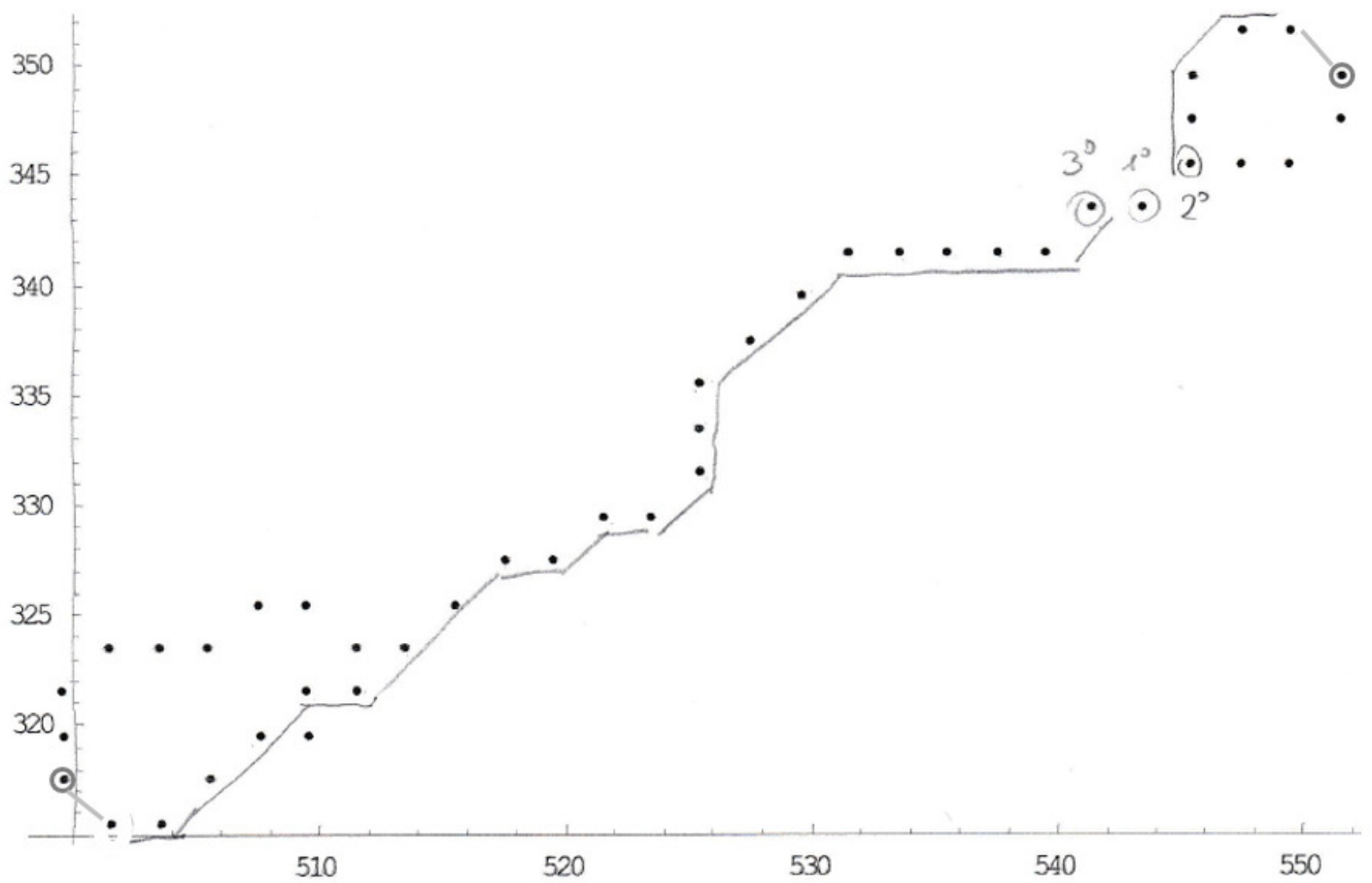
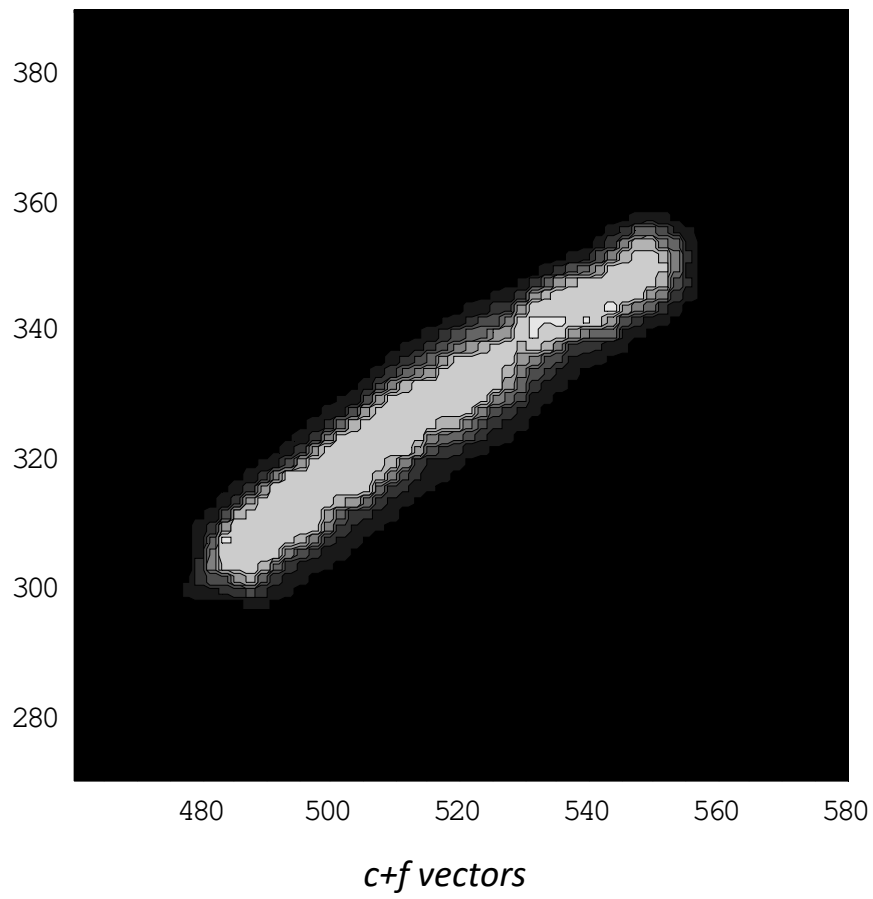
Trail 3D



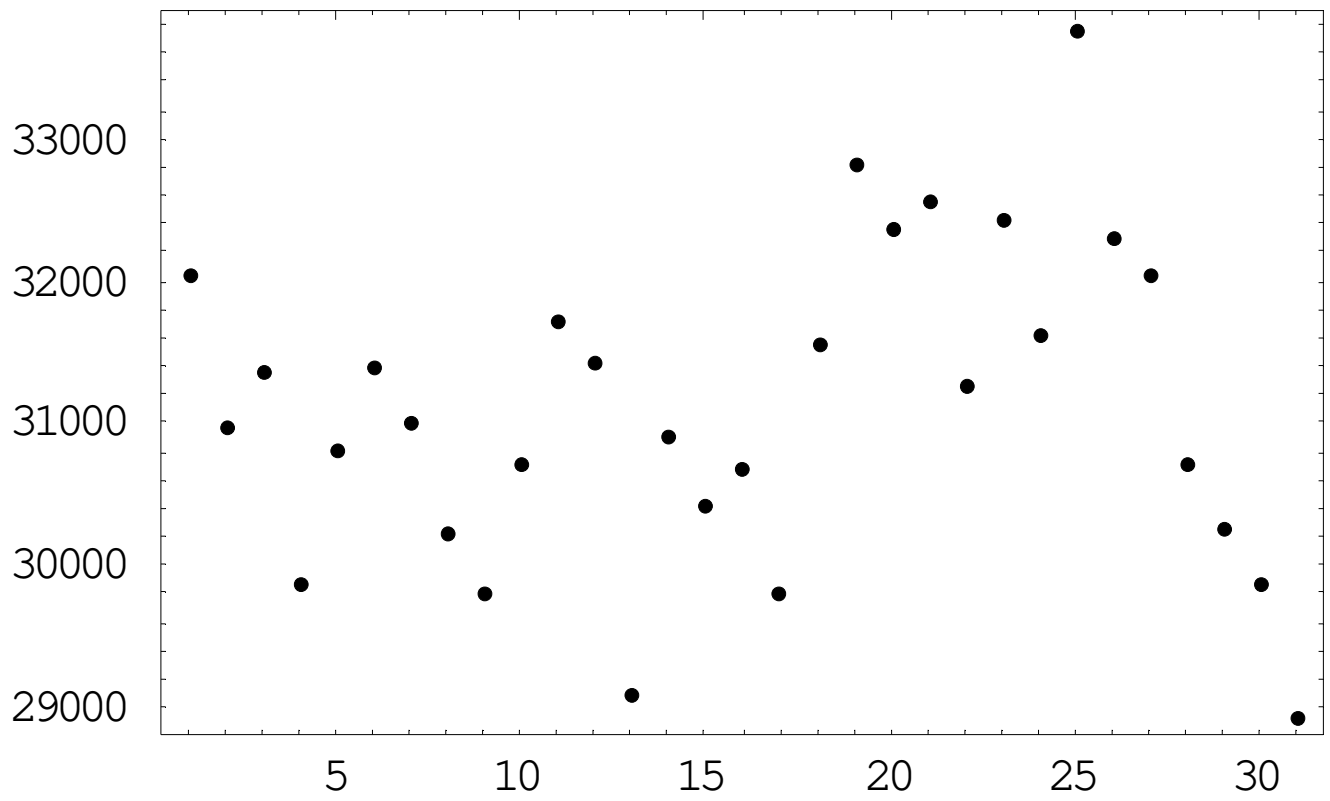
Contour 1x1



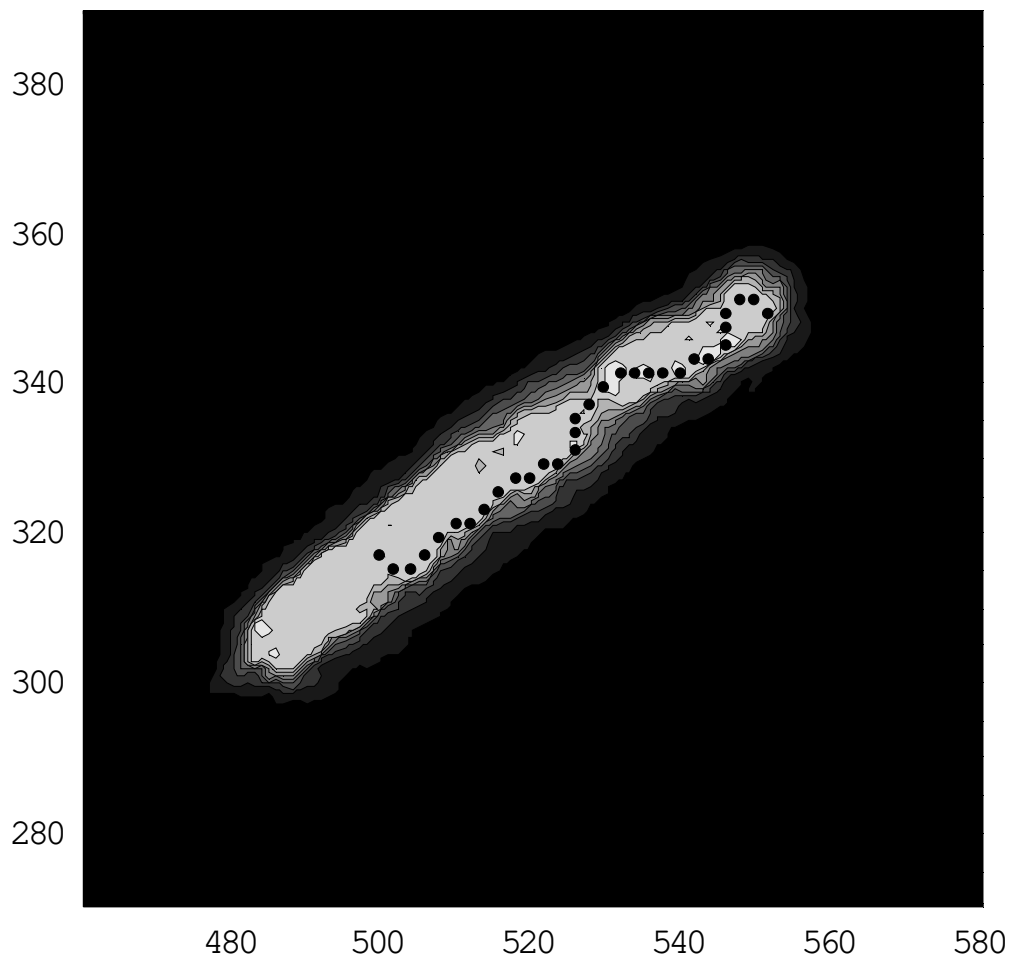
Contour 2x2



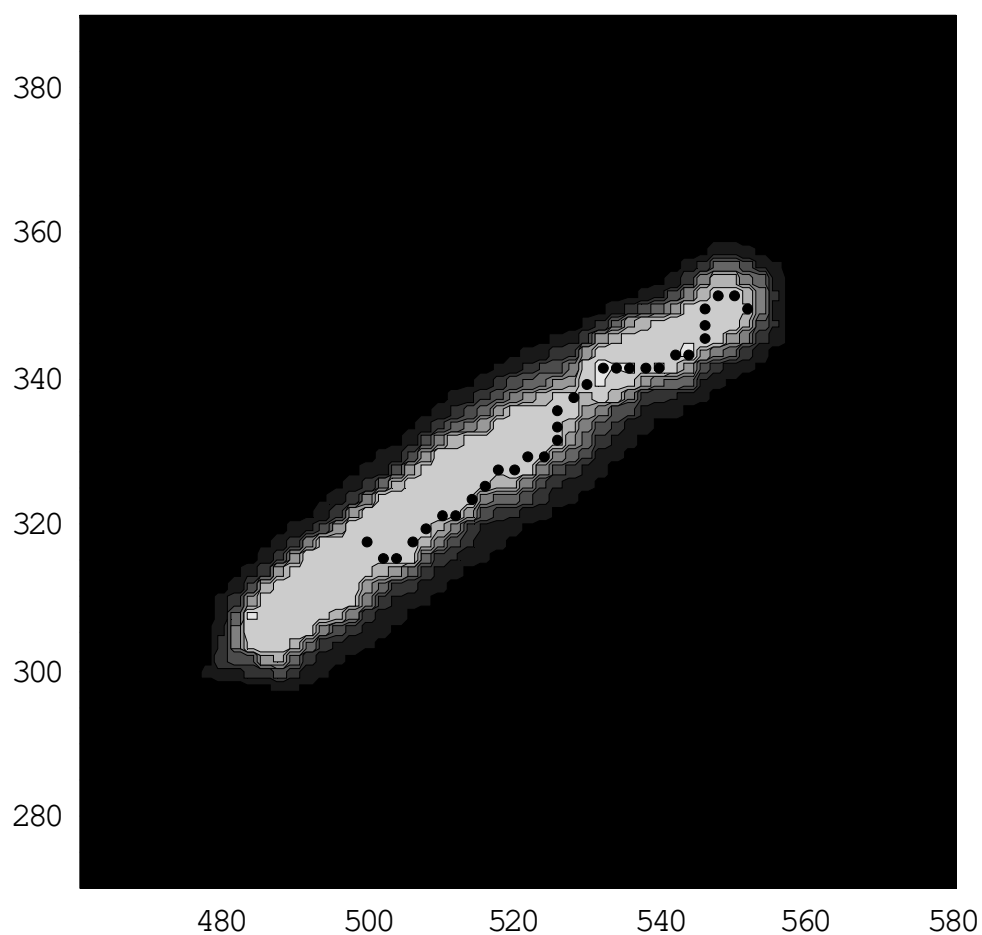
Trail (ADU profile)



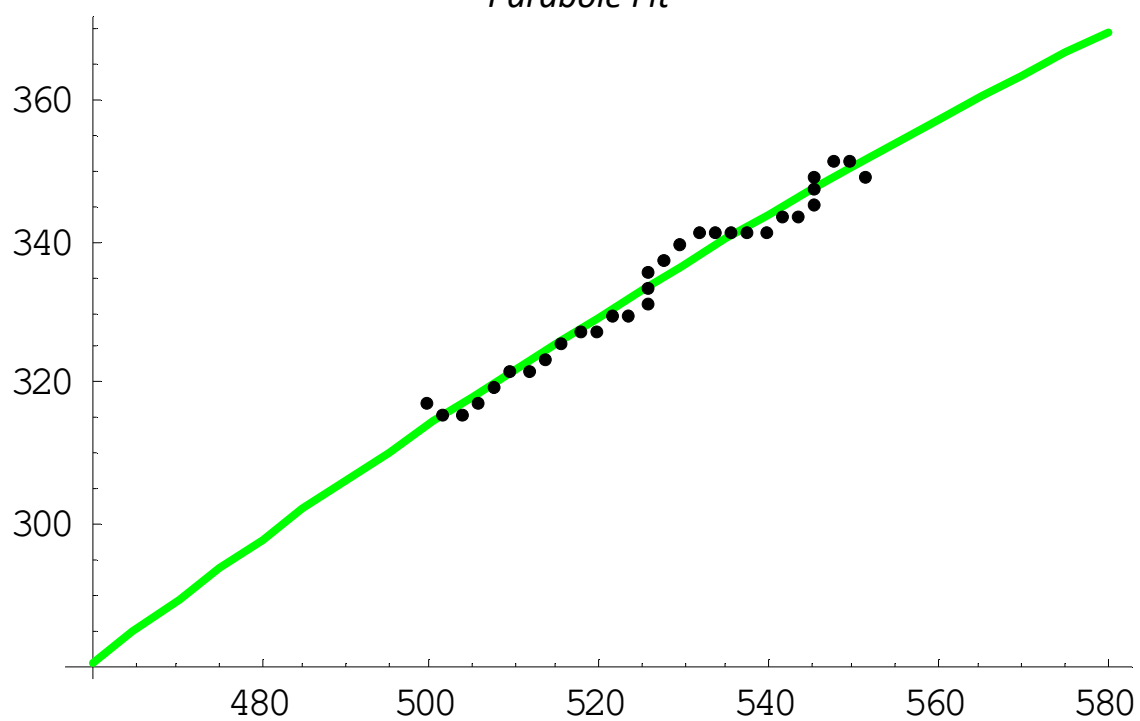
Trail + Contour 1x1



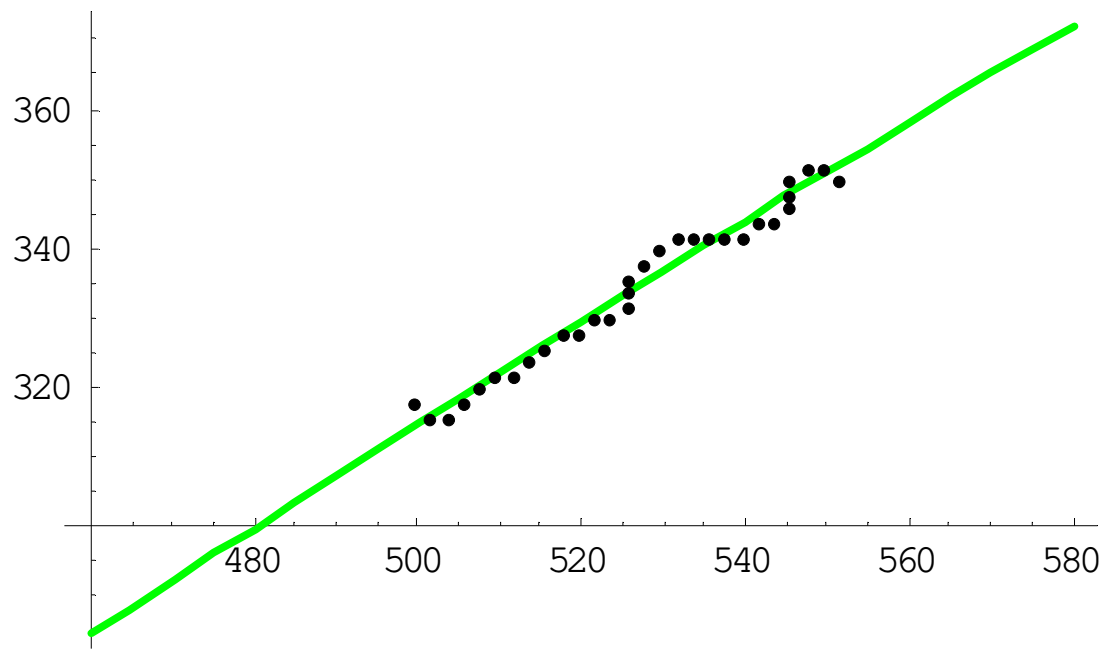
Trail + Contour 2x2



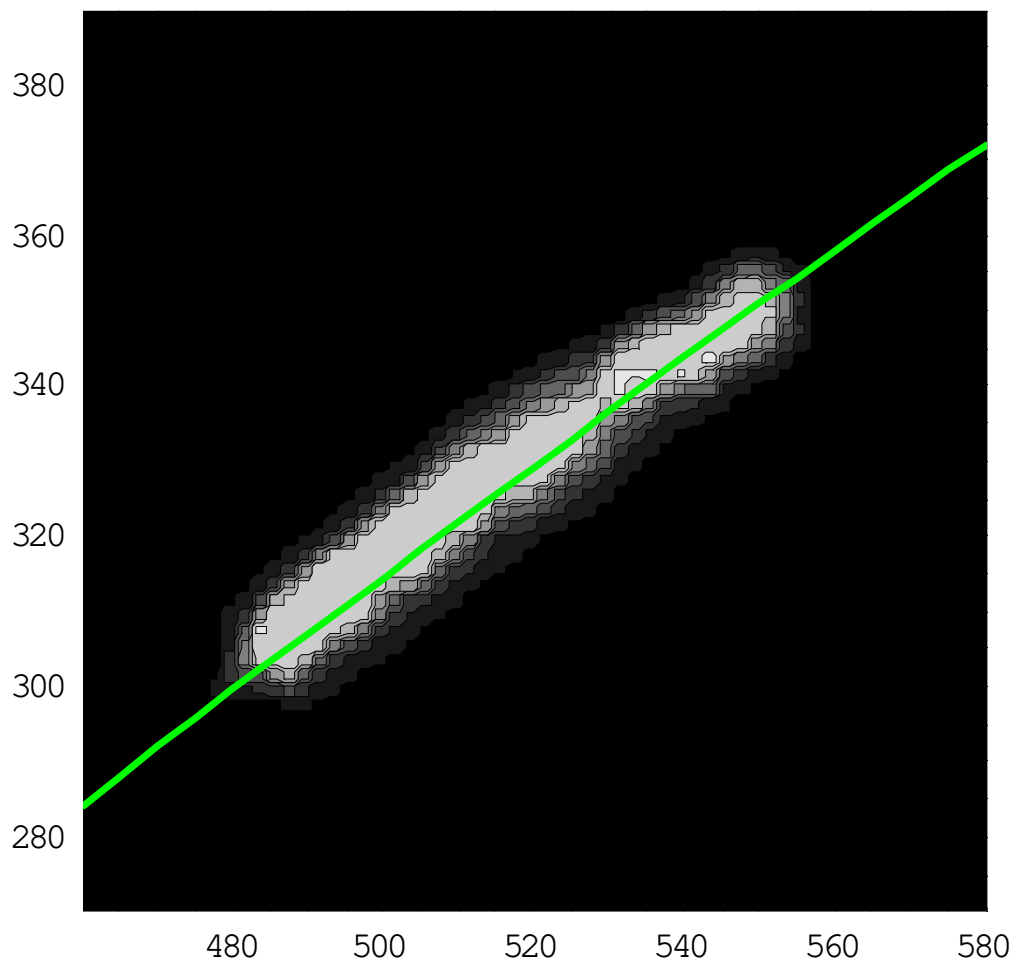
Parabole Fit



Circle '+' Fit



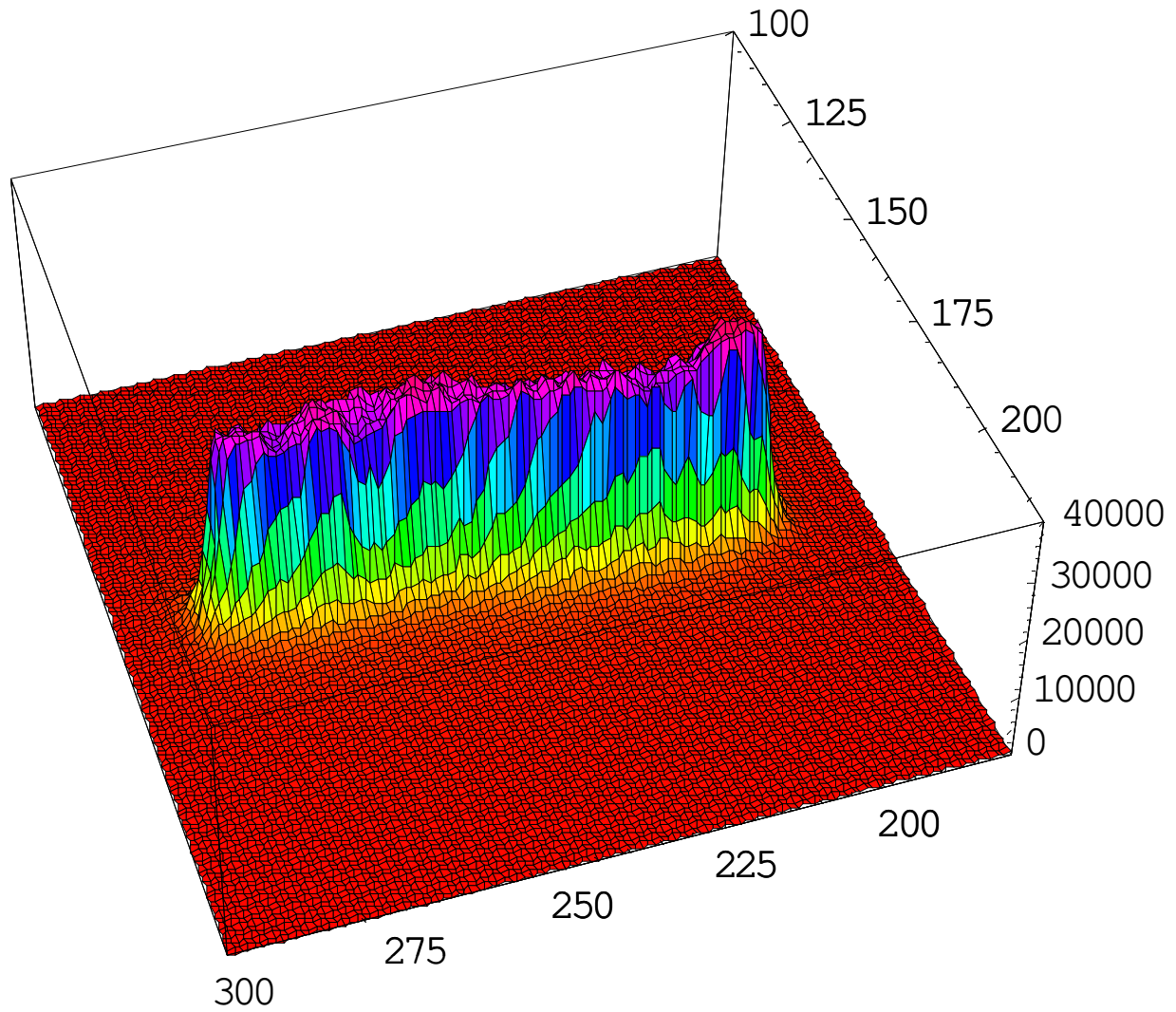
Circle '+' Fit on path



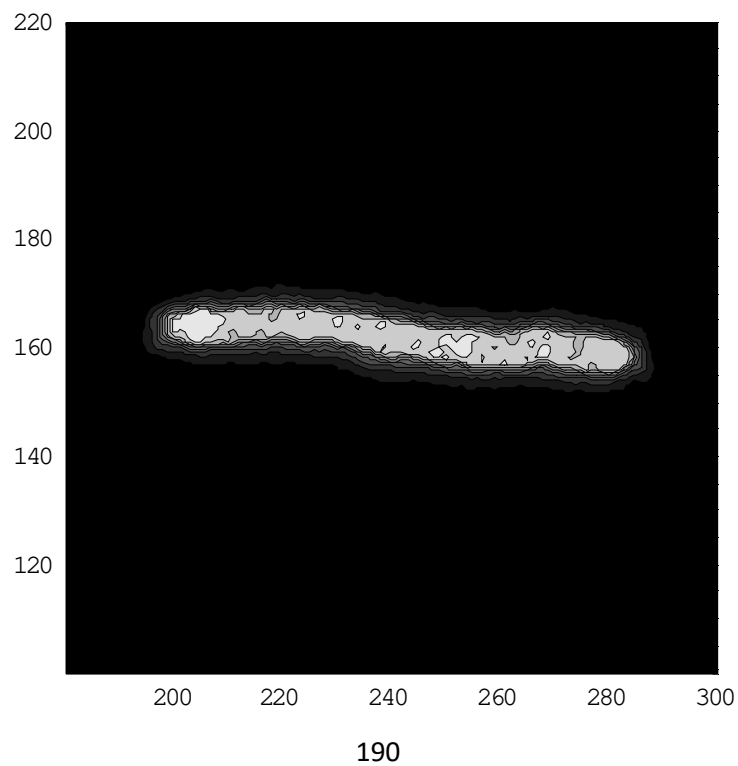
23-09-2008

C1 – LOIRAL (with “lobe work”)

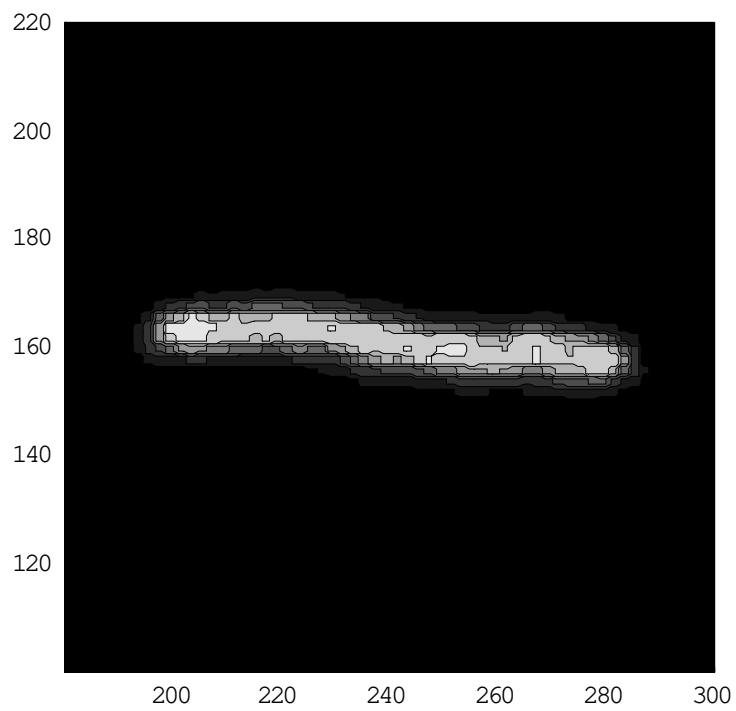
Trail 3D



Contour 1x1

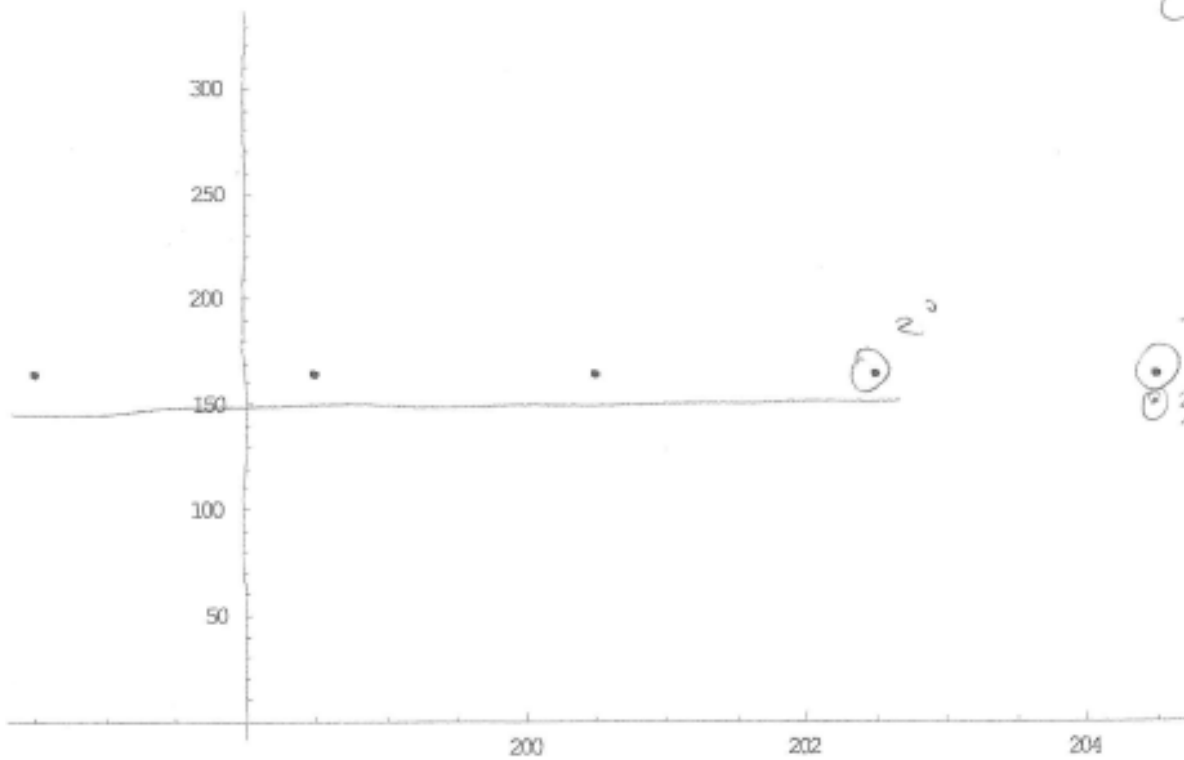


Contour 2x2

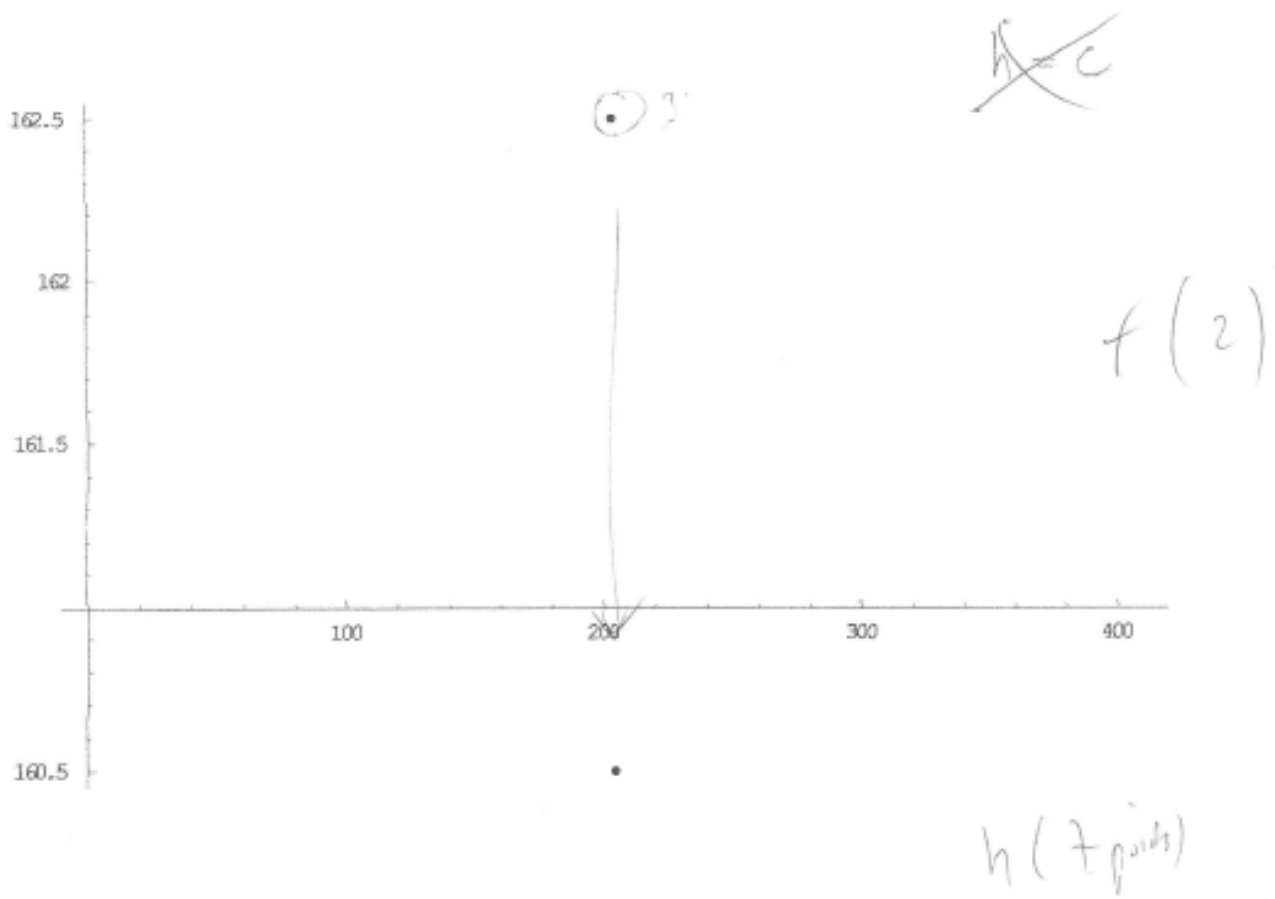


$c+f$ vectors – main

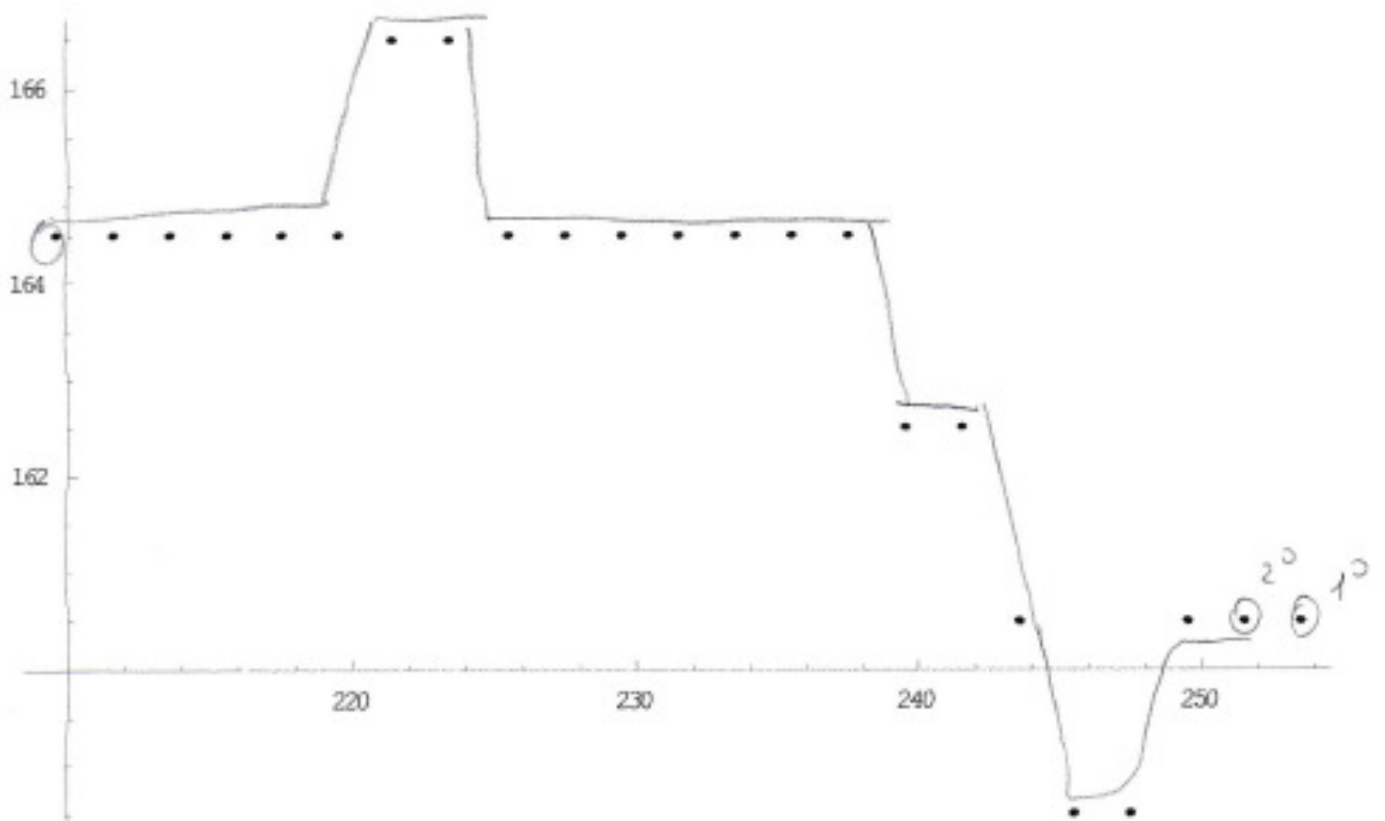
Loiral 22-09-2008

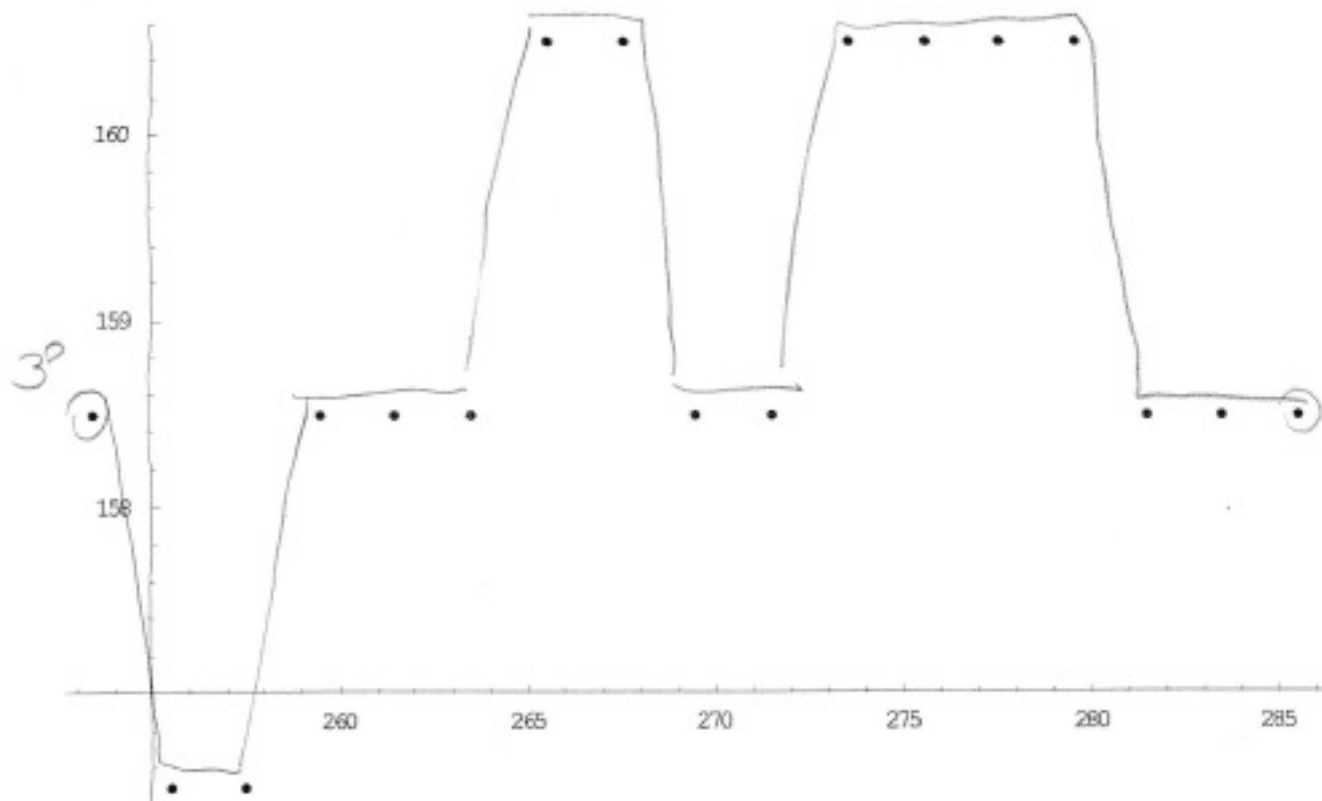


$C(s)$

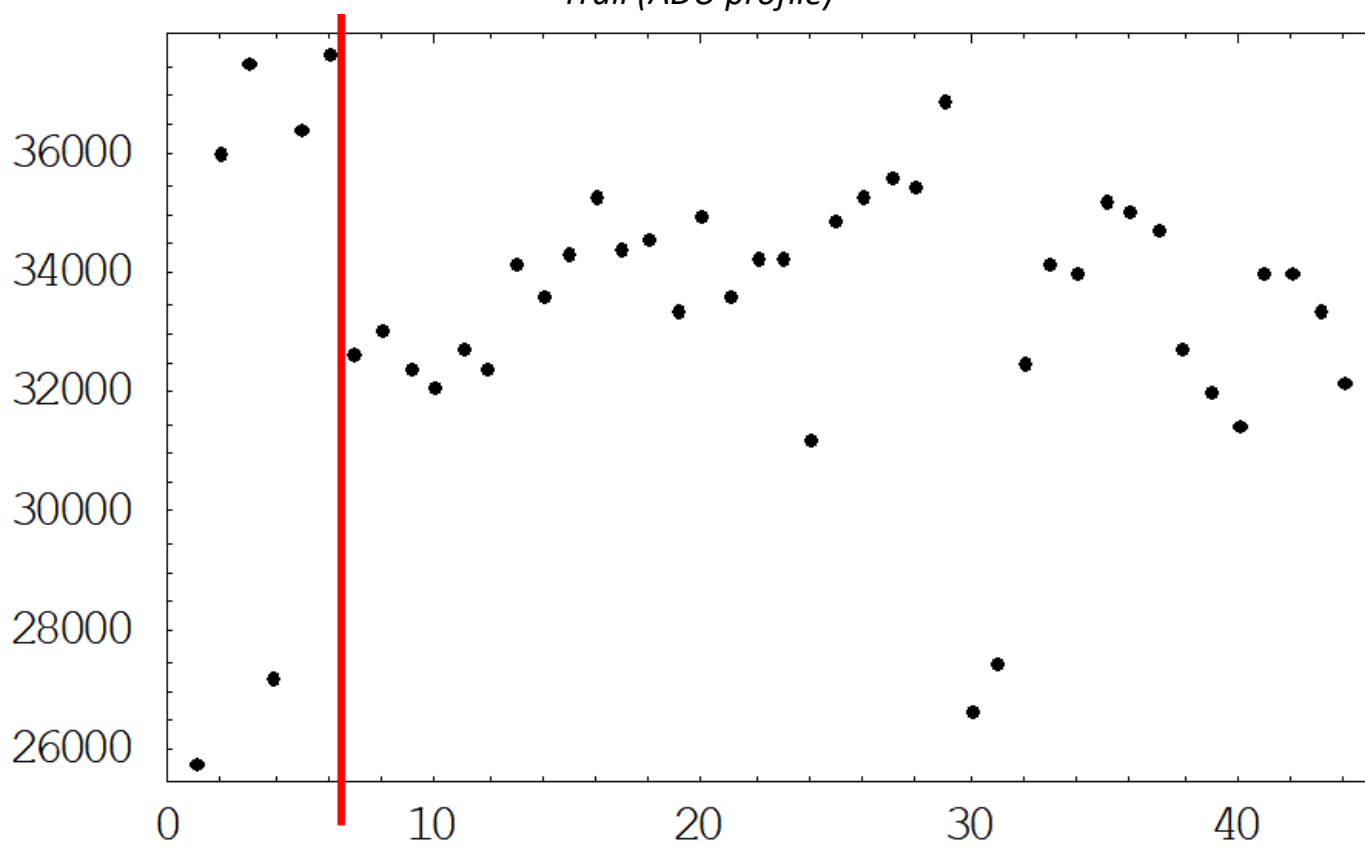


$c+f$ vectors- lobe

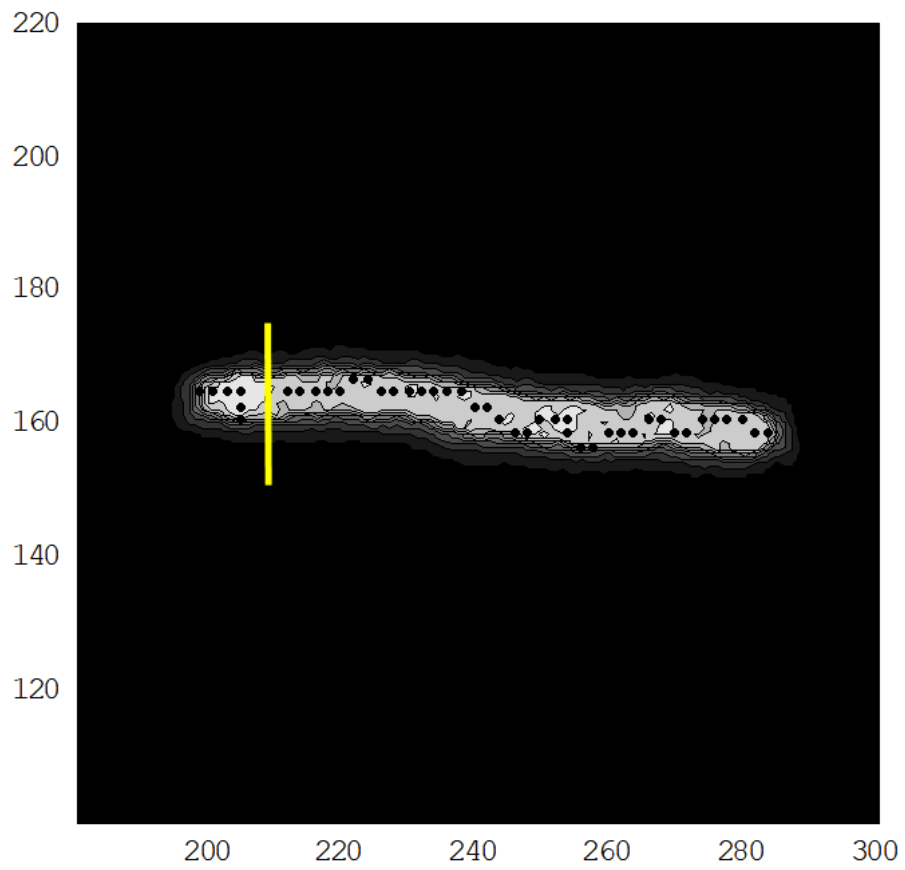




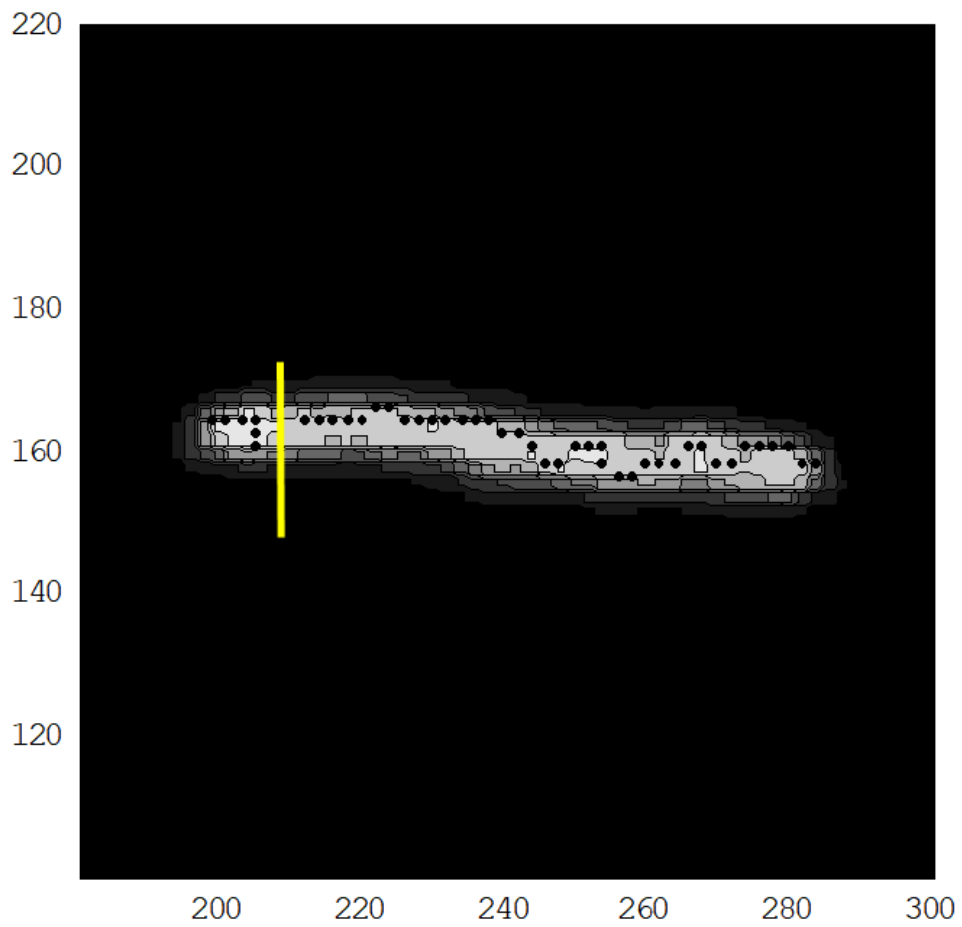
Trail (ADU profile)

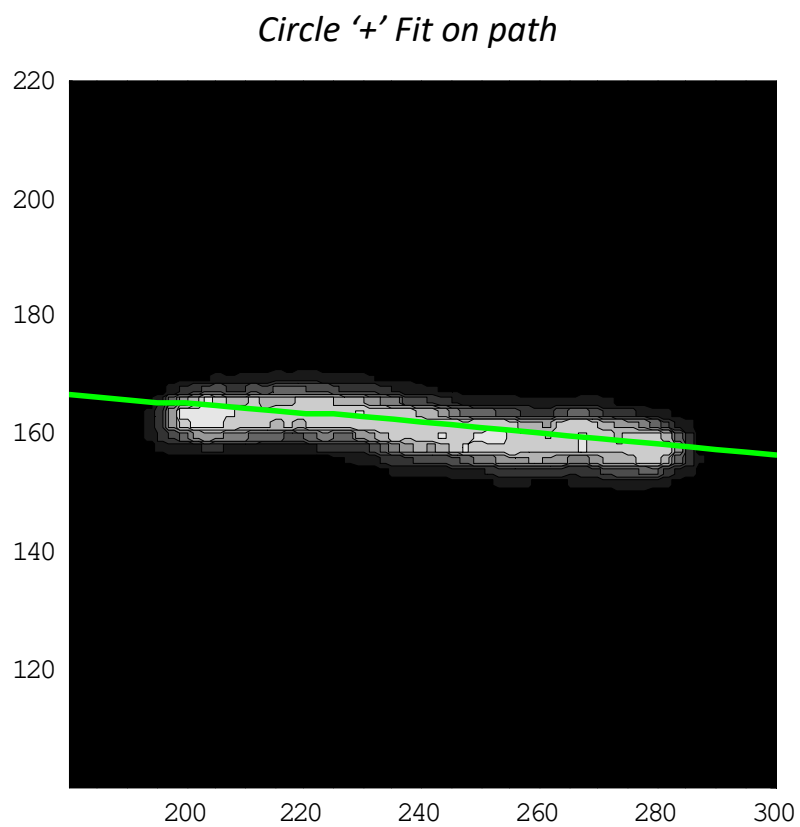
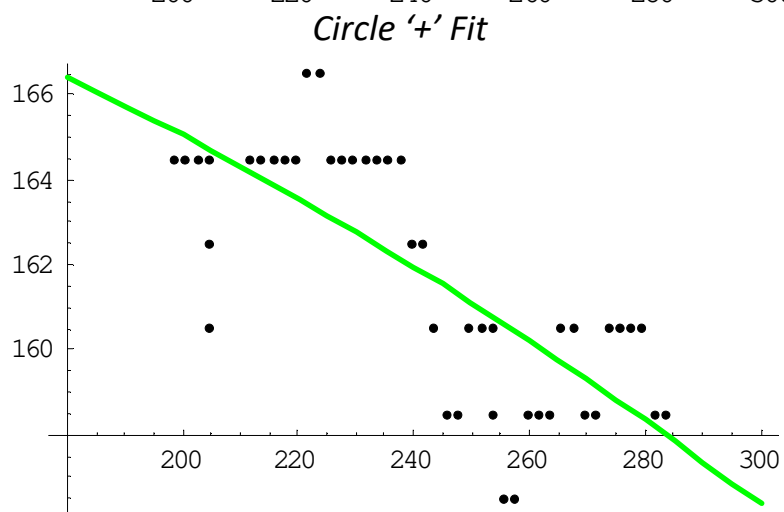
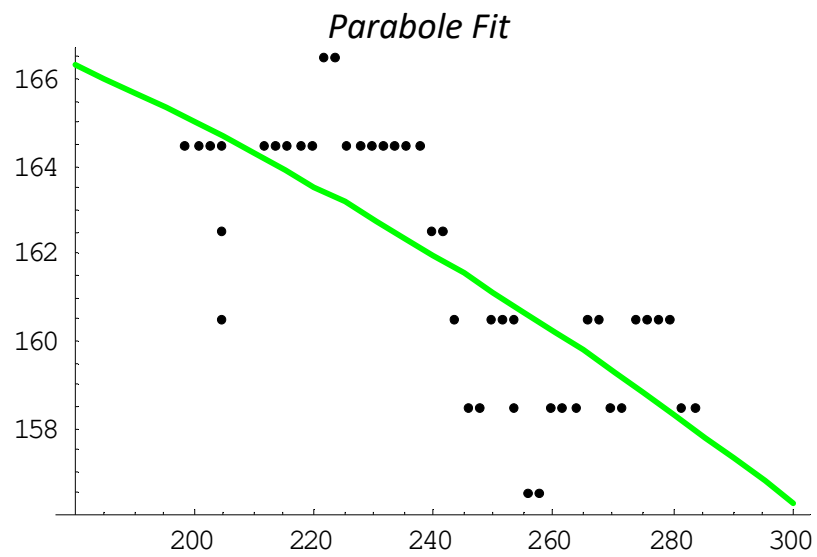


Trail + Contour 1x1



Trail + Contour 2x2

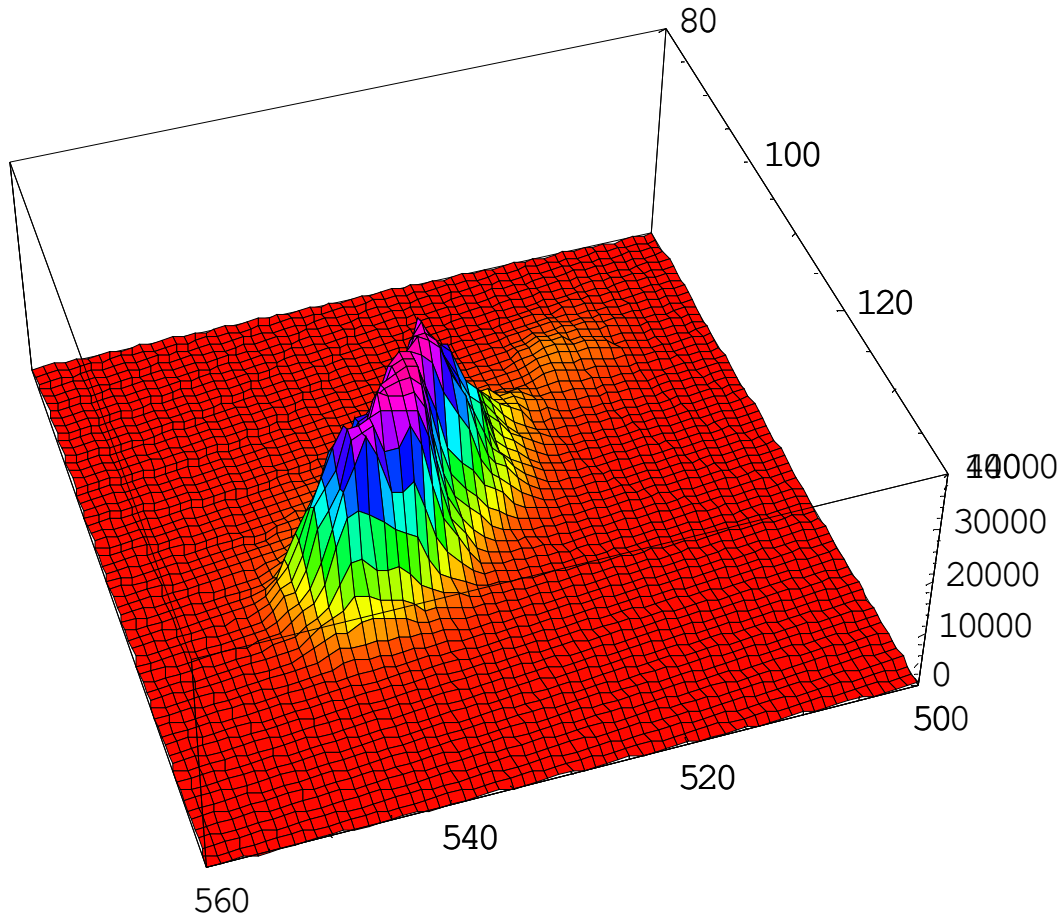




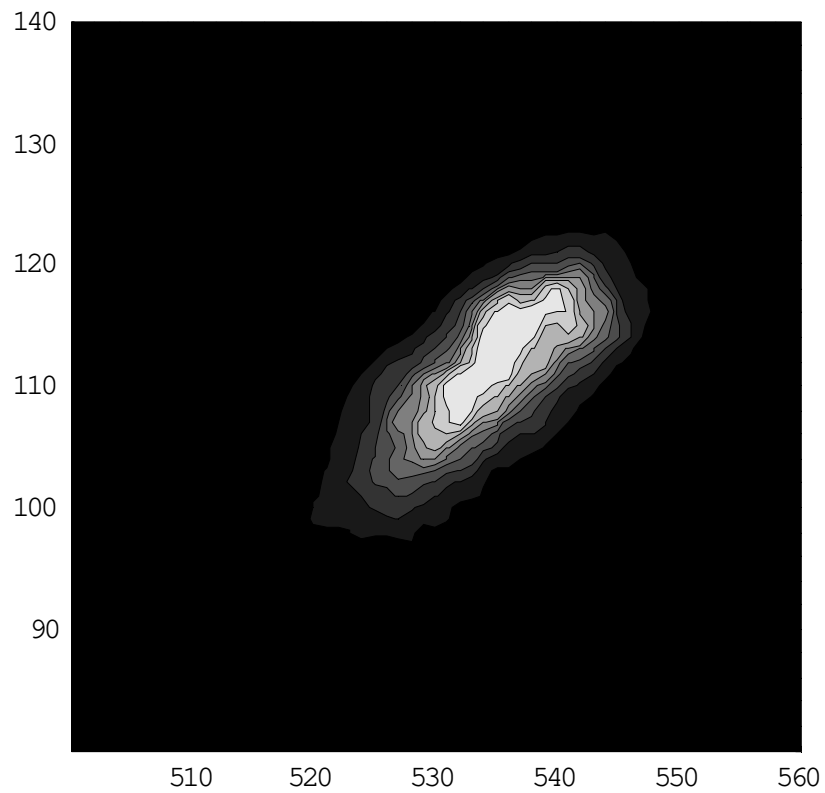
26-09-2008

B1 - ACHADA DO TEIXEIRA

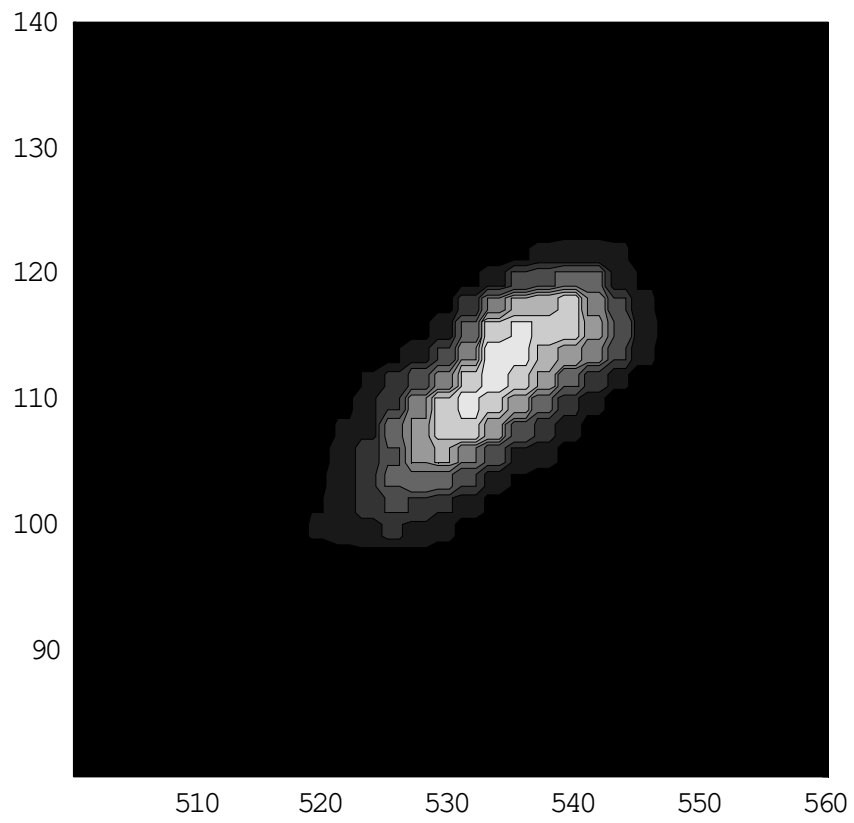
Trail 3D



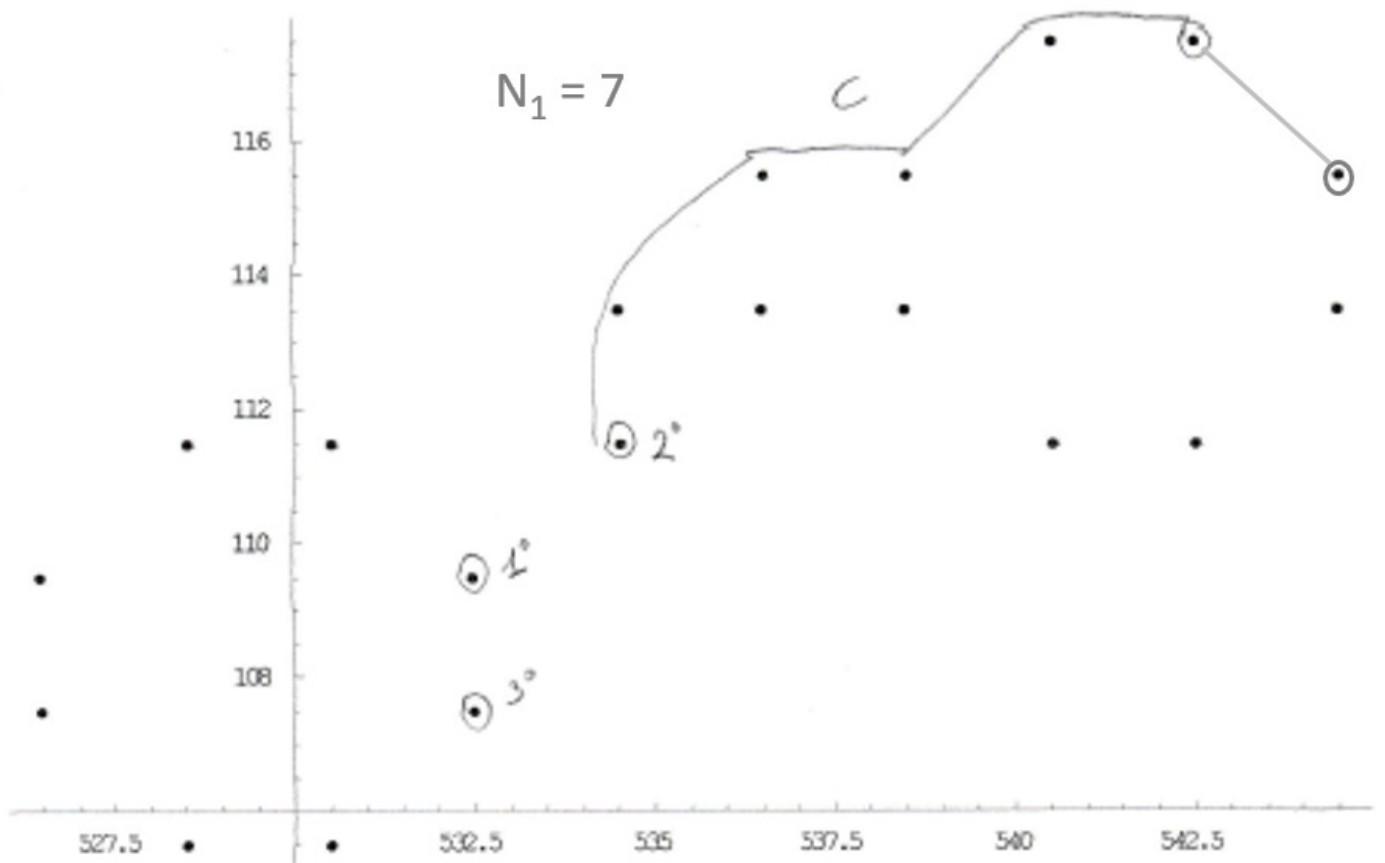
Contour 1x1

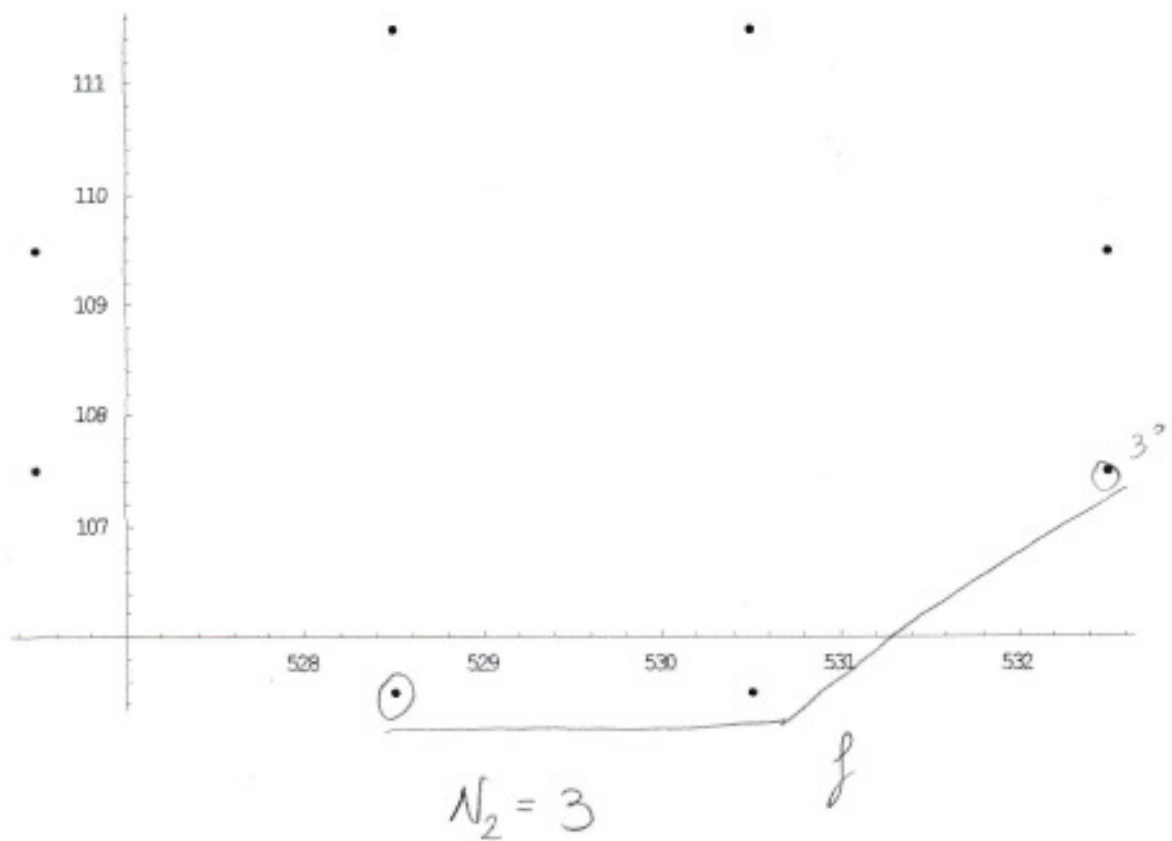


Contour 2x2

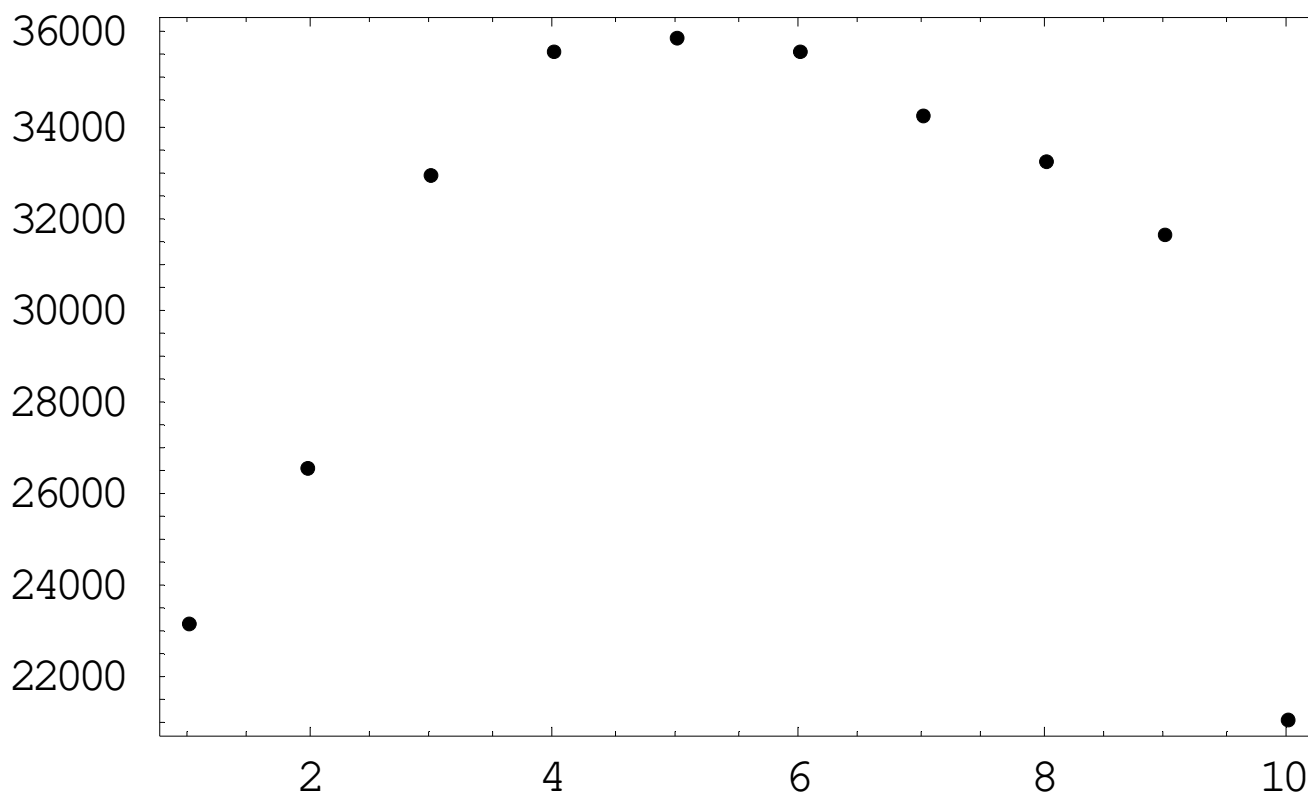


$c+f$ vectors

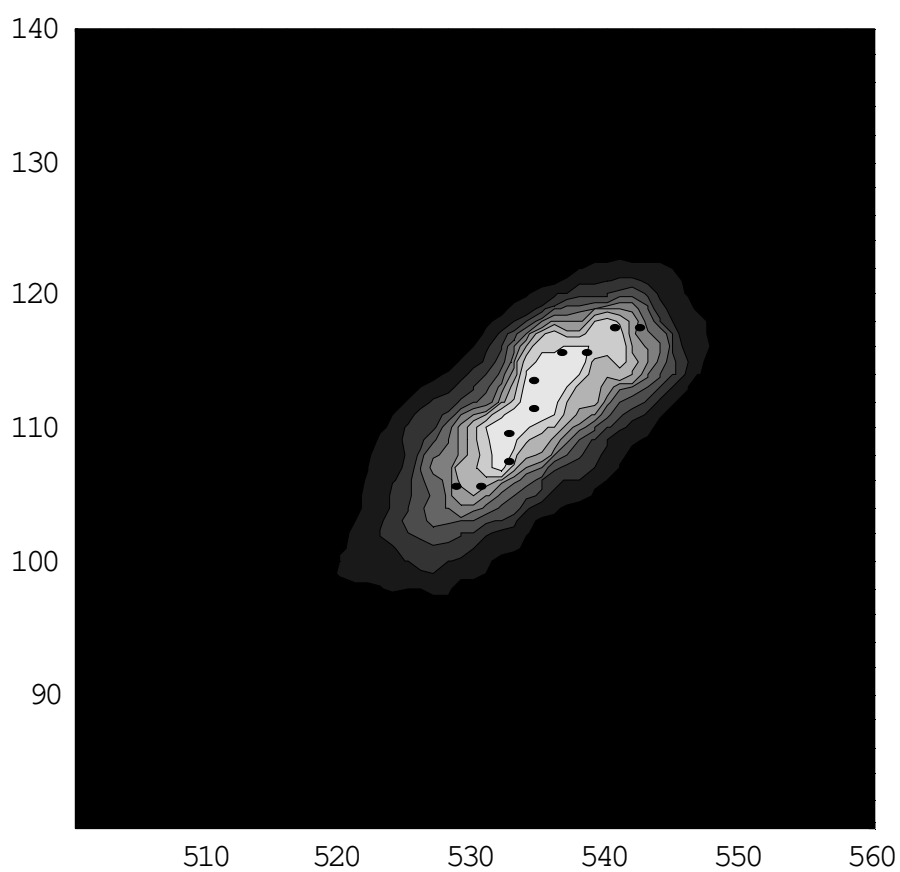




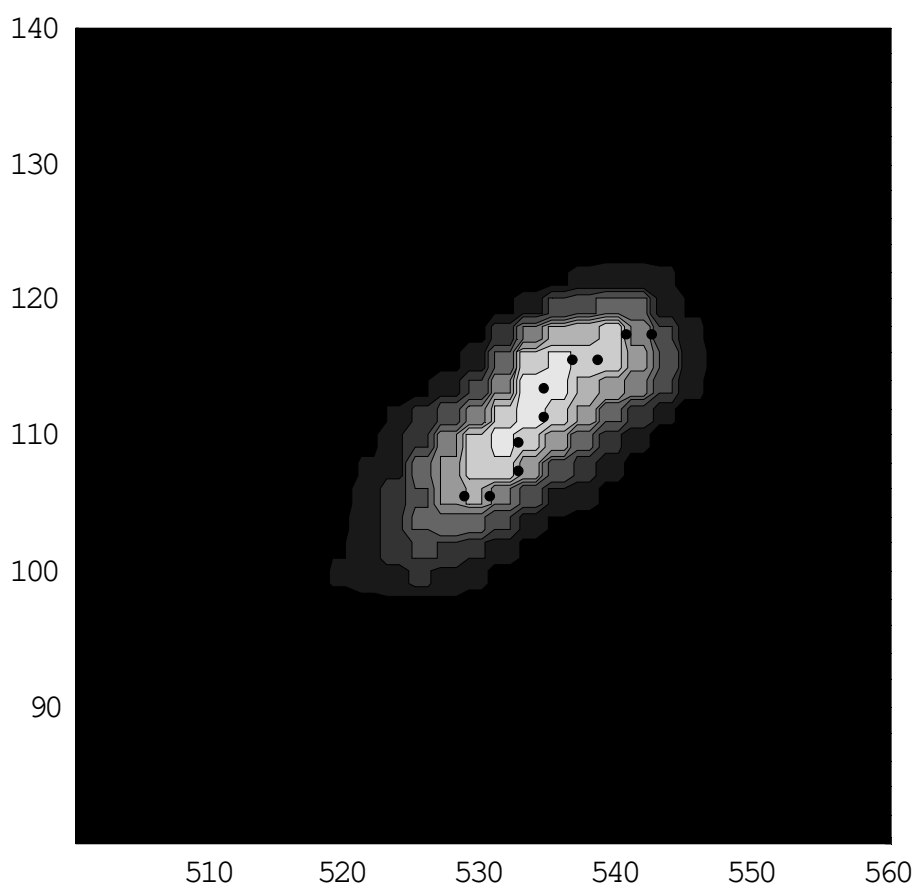
Trail (ADU profile)



Trail + Contour 1x1



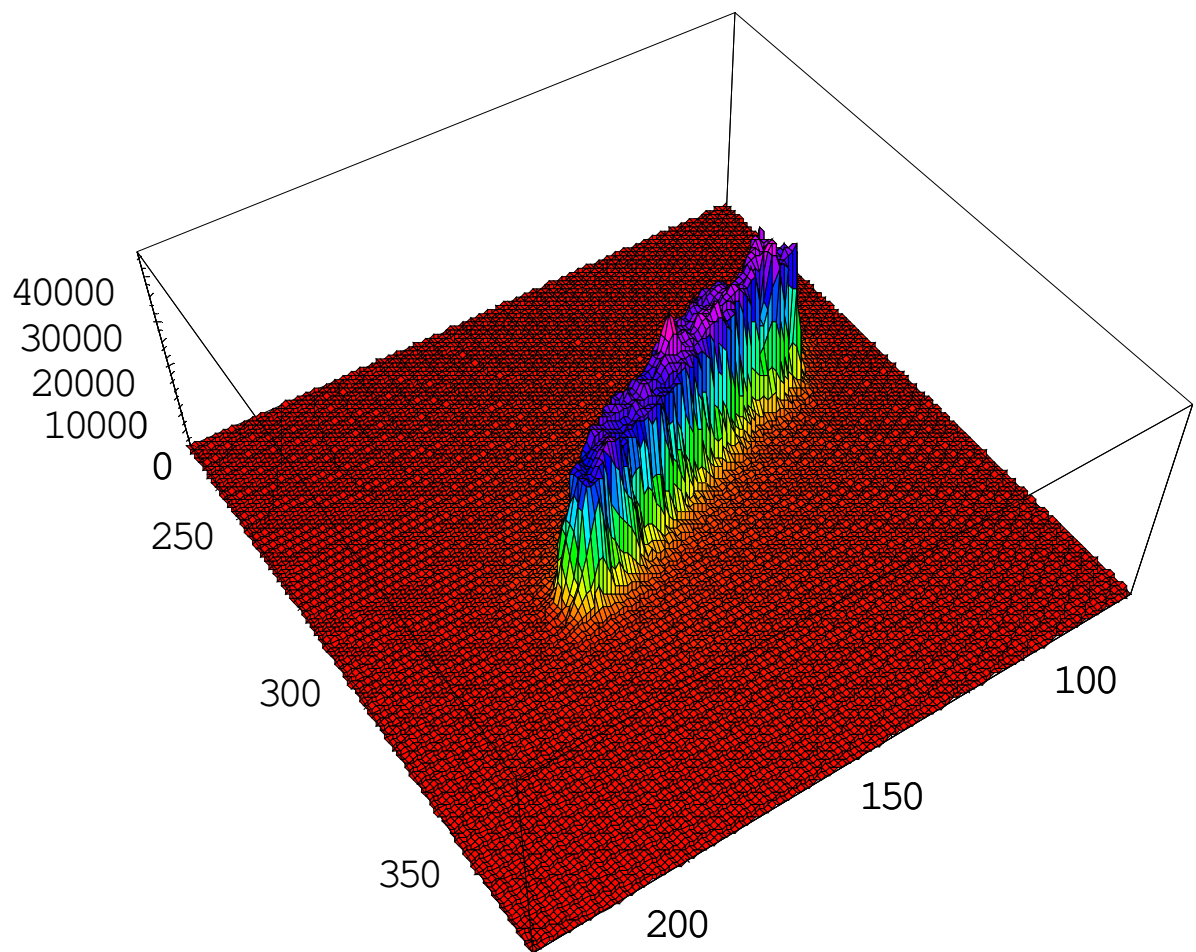
Trail + Contour 2x2



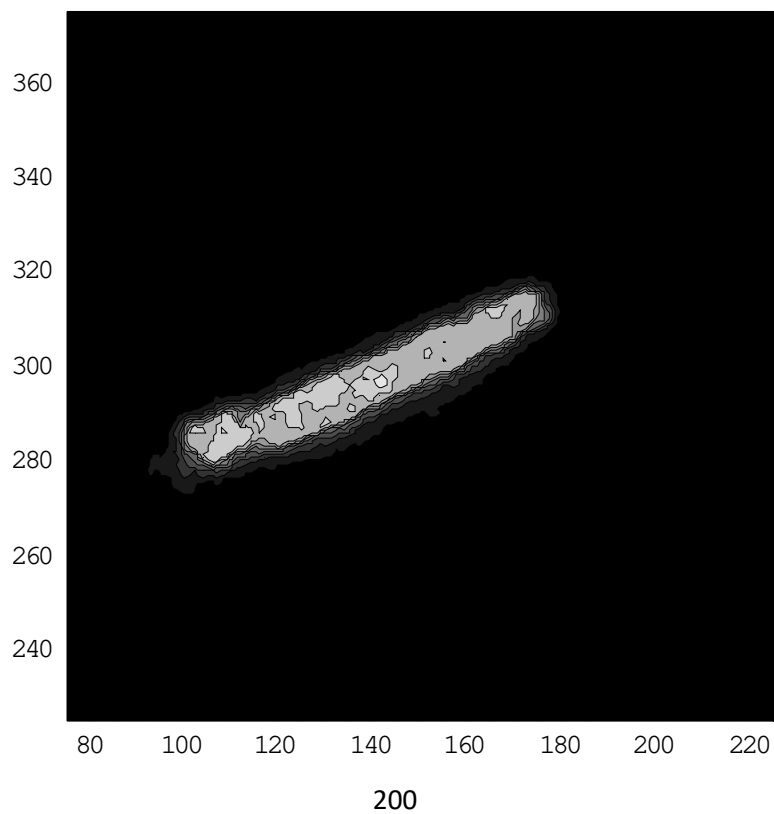
04-11-2008

A1 – JUNCAL (with “lobe work”)

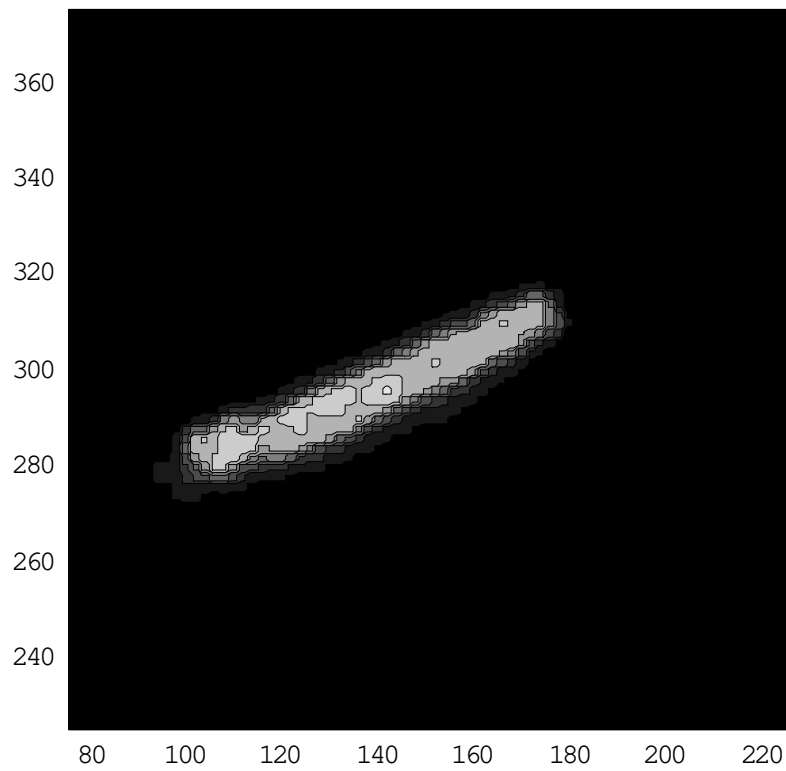
Trail 3D



Contour 1x1



Contour 2x2

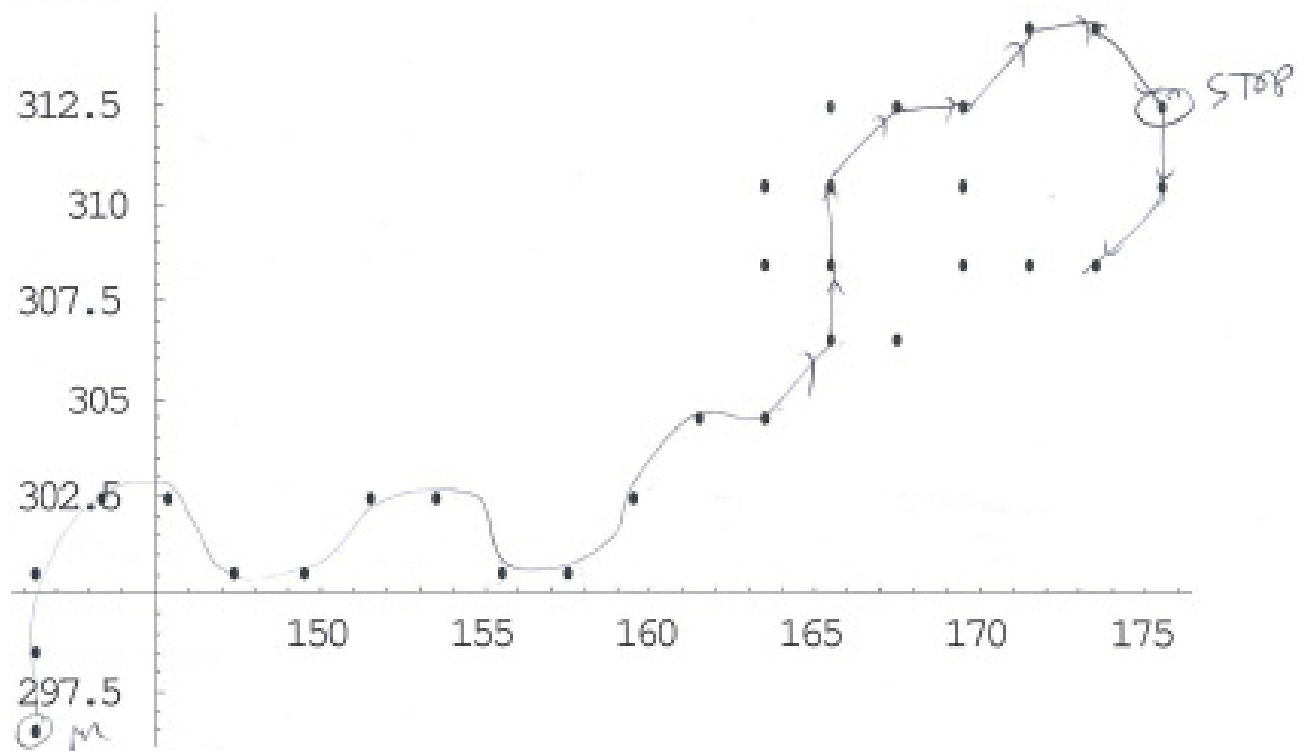


c+f vectors (main)

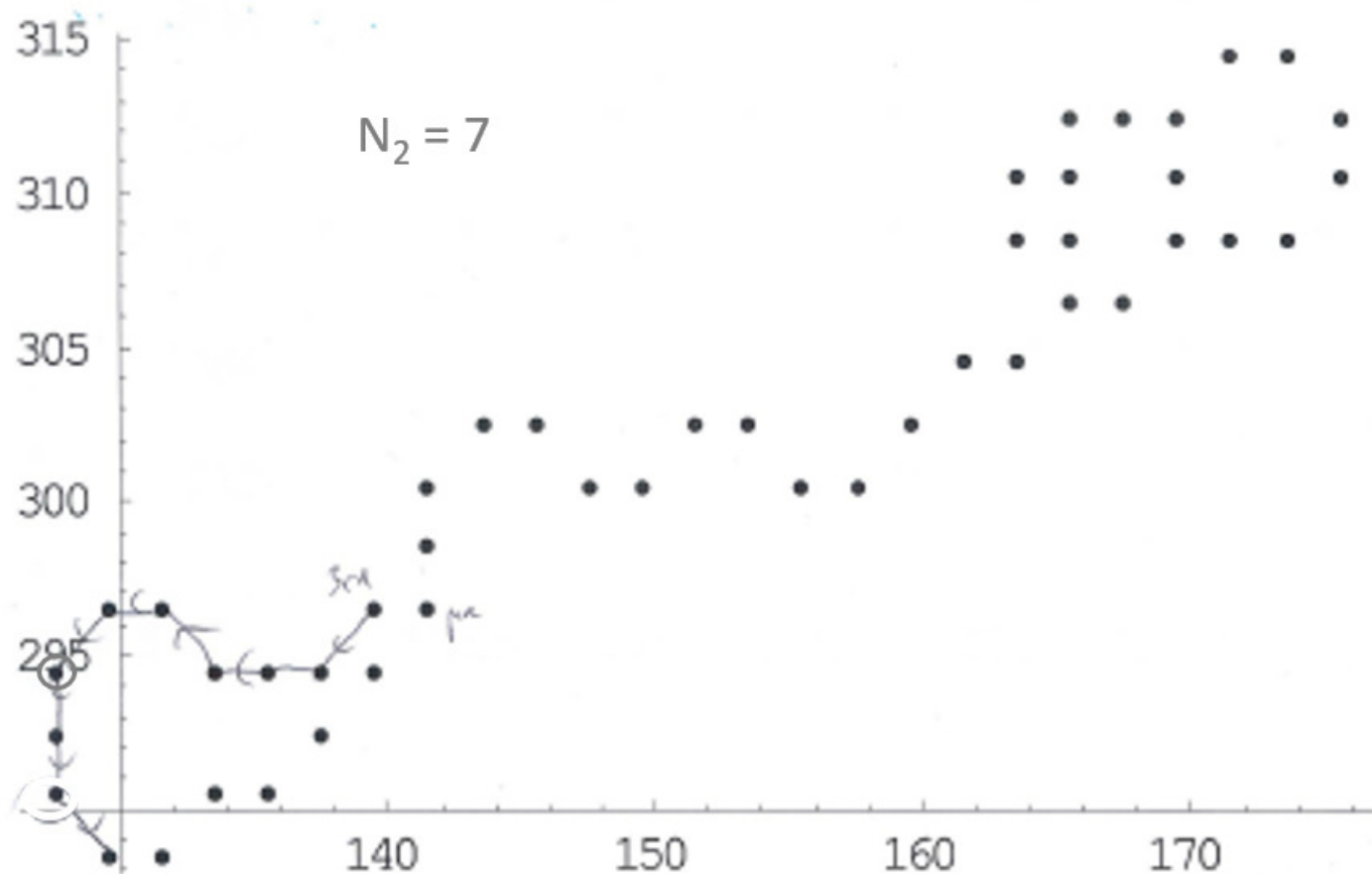
ADU profile of vector h:

$N=22$

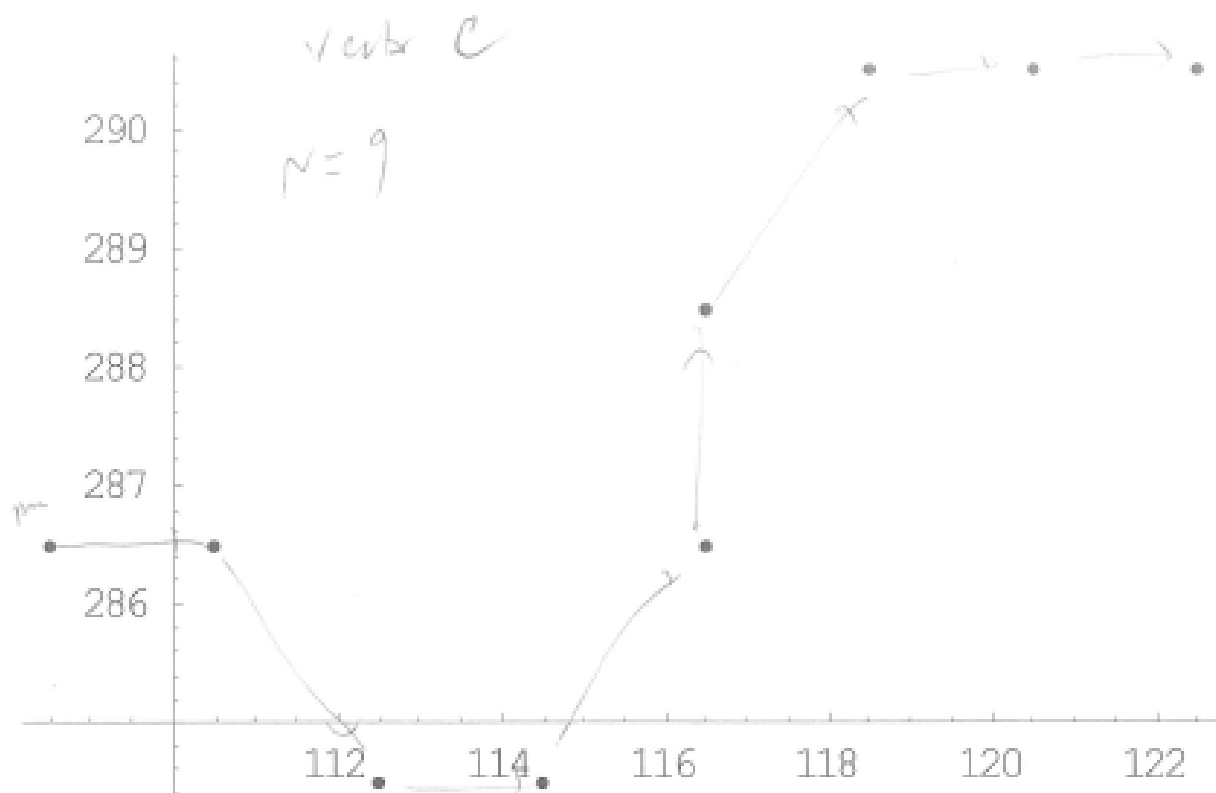
VECTOR C

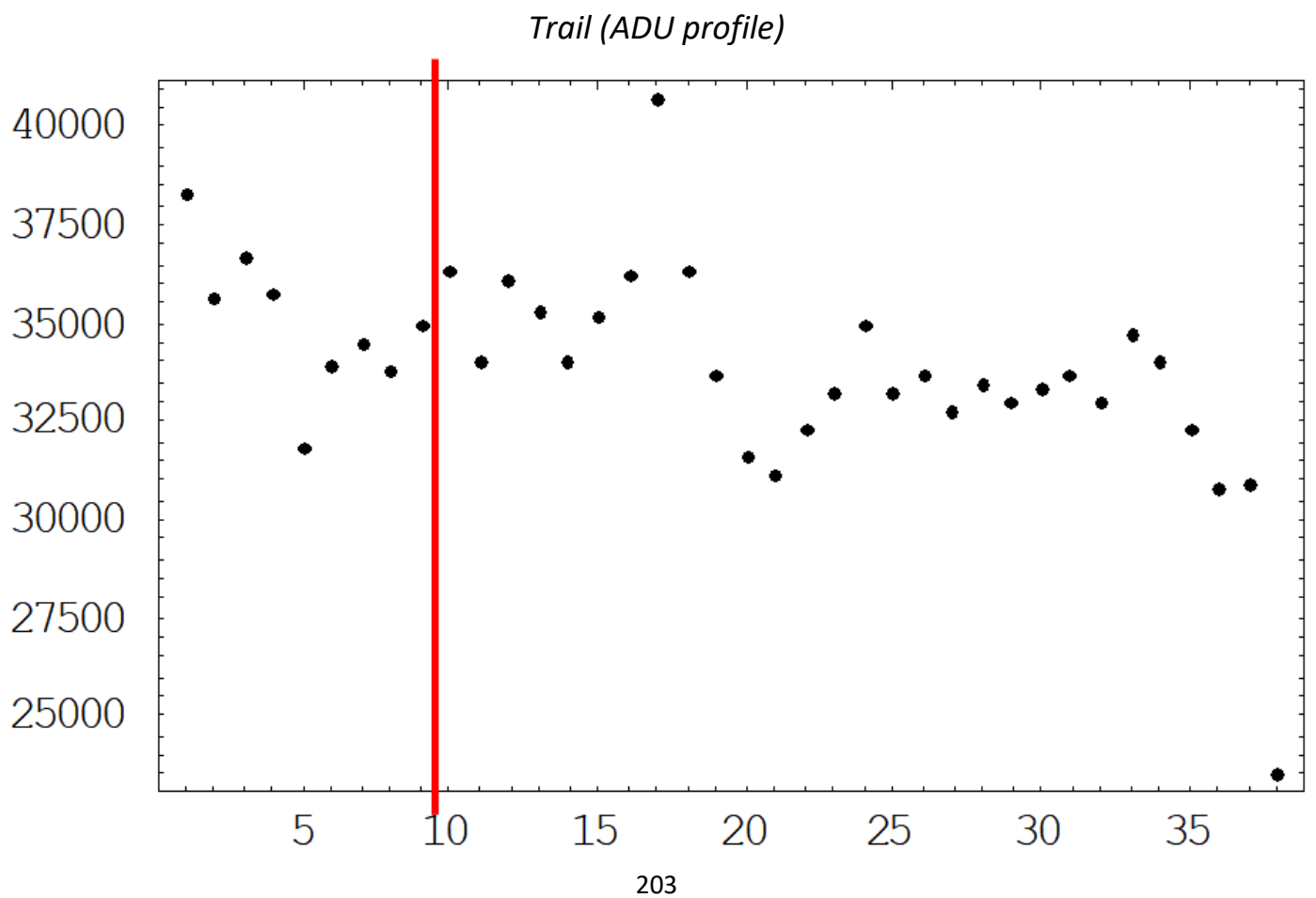
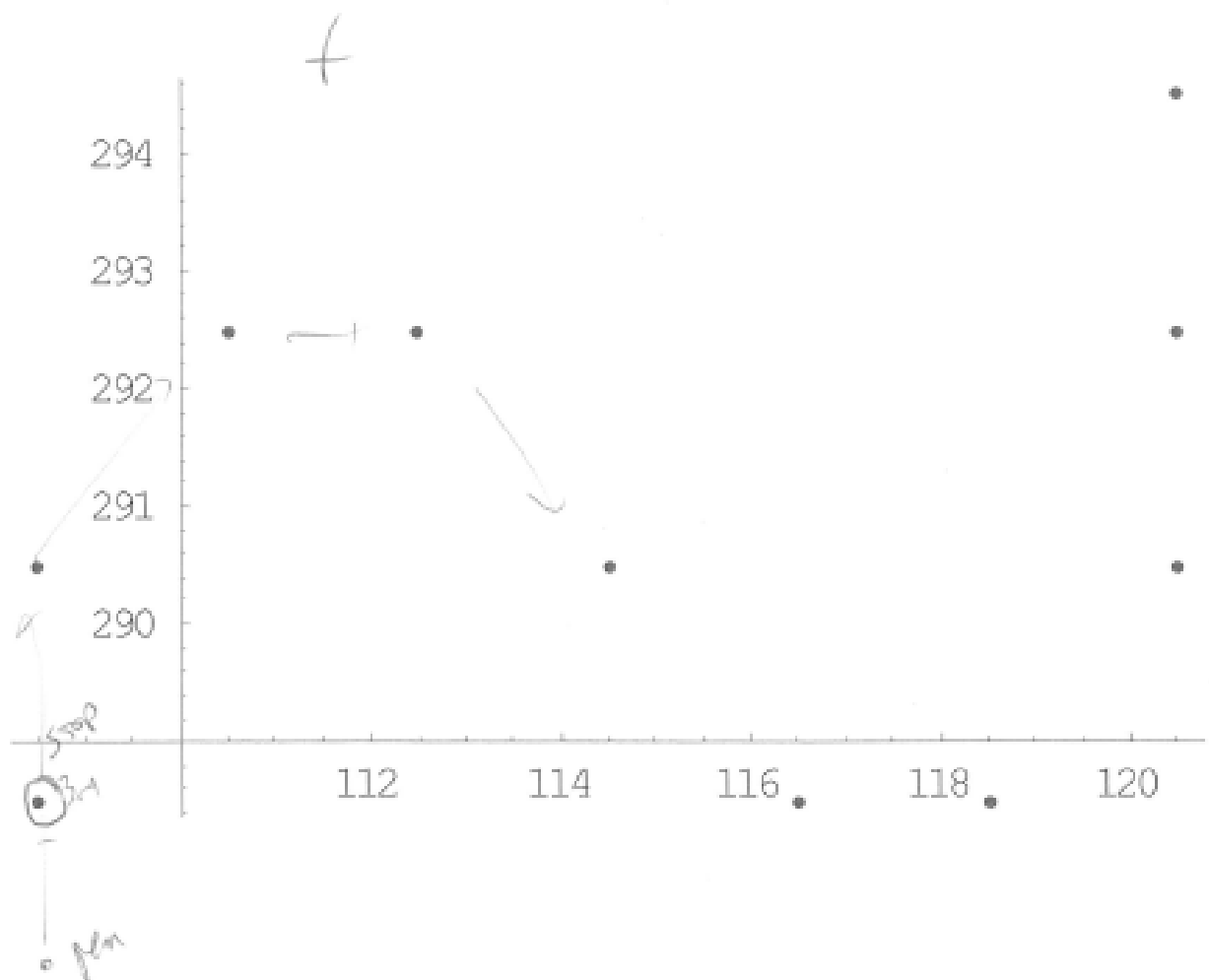


VECTOR F

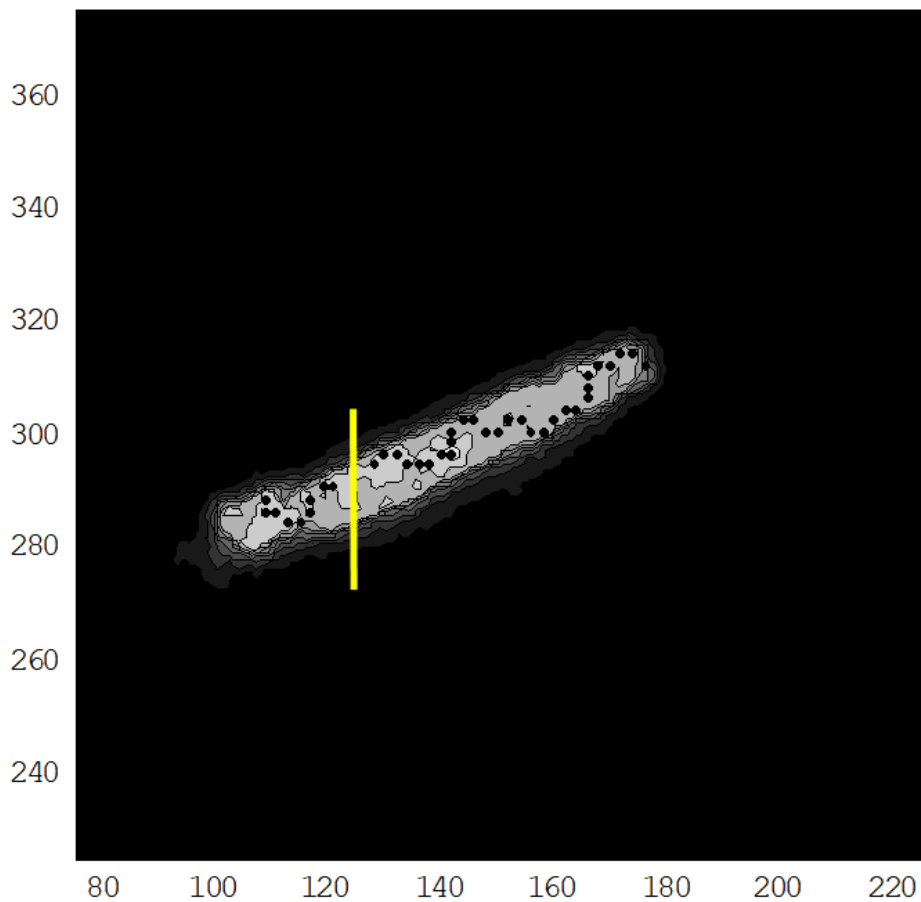


$c+f$ vectors (lobe)

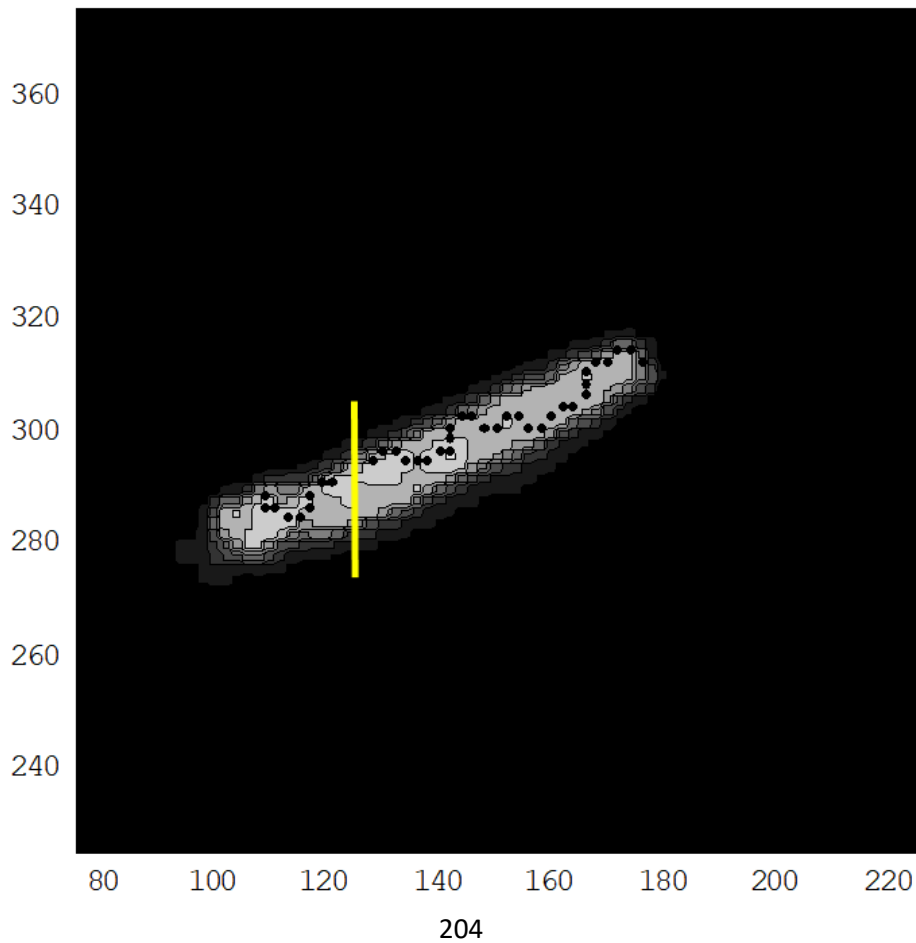


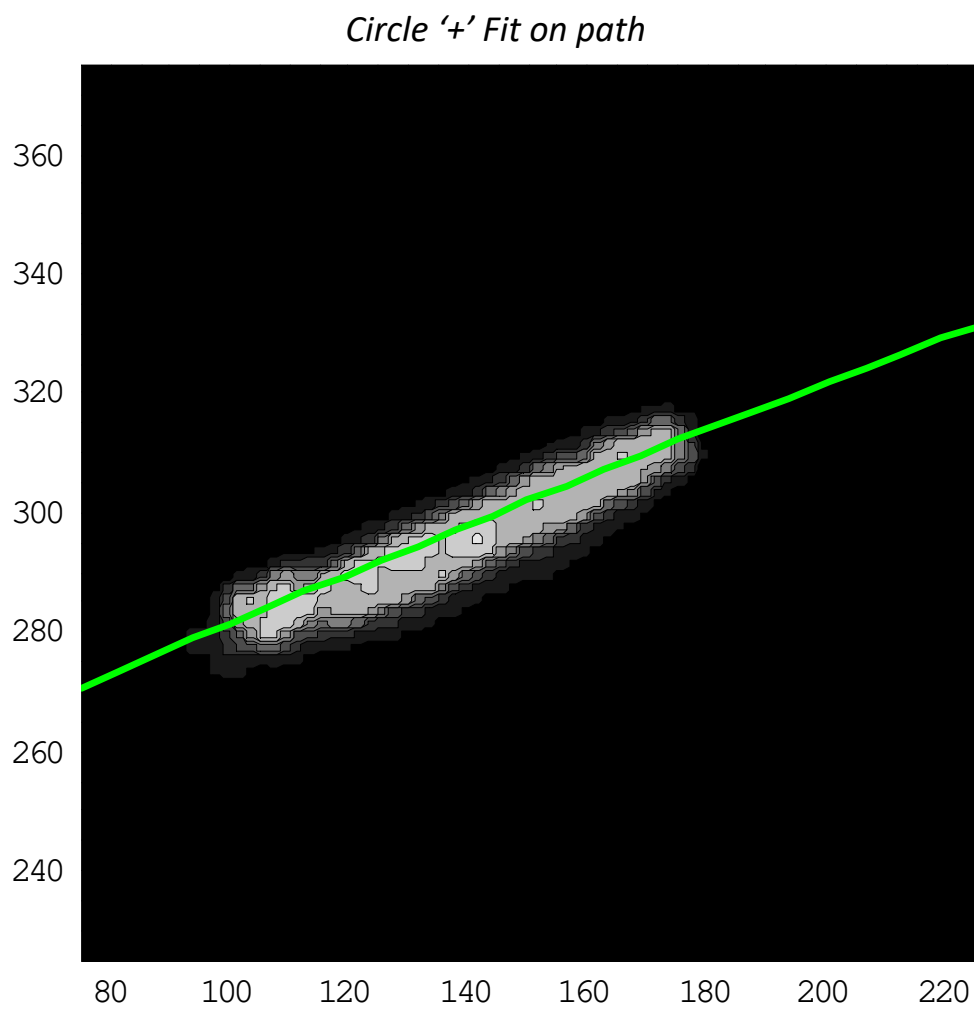
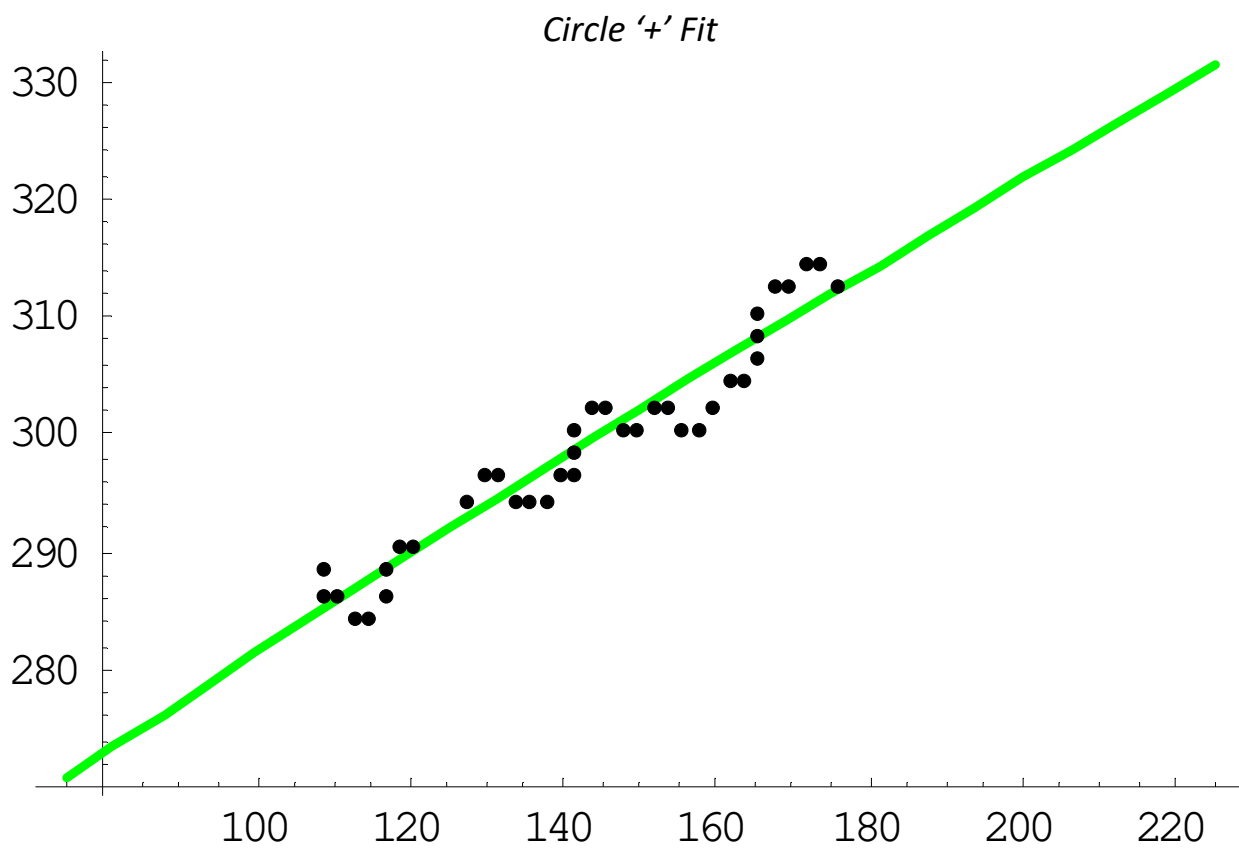


Trail + Contour 1x1



Trail + Contour 2x2

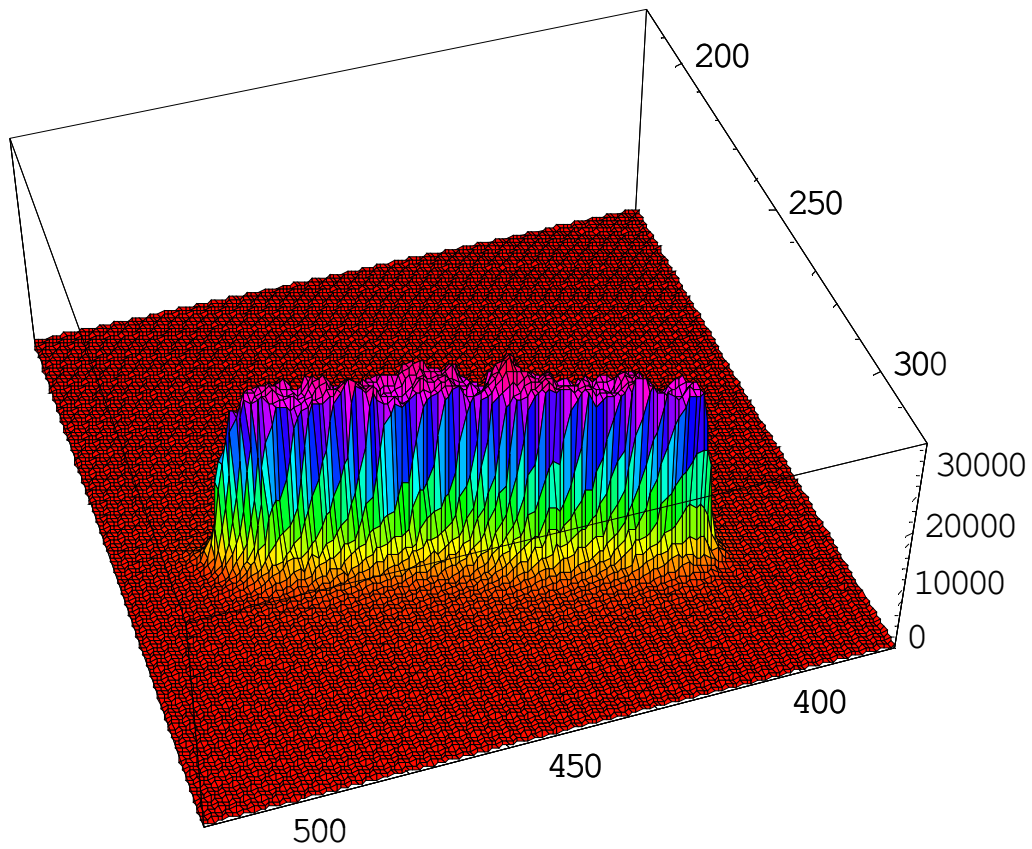




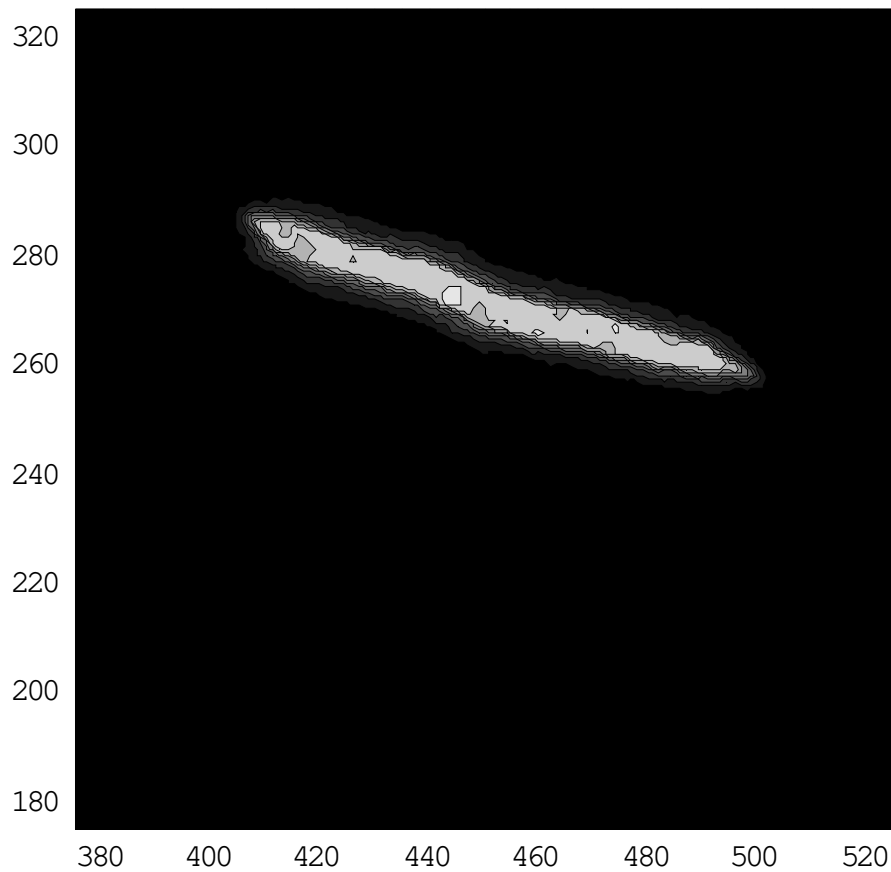
04-11-2008

B1 - ACHADA DO TEIXEIRA

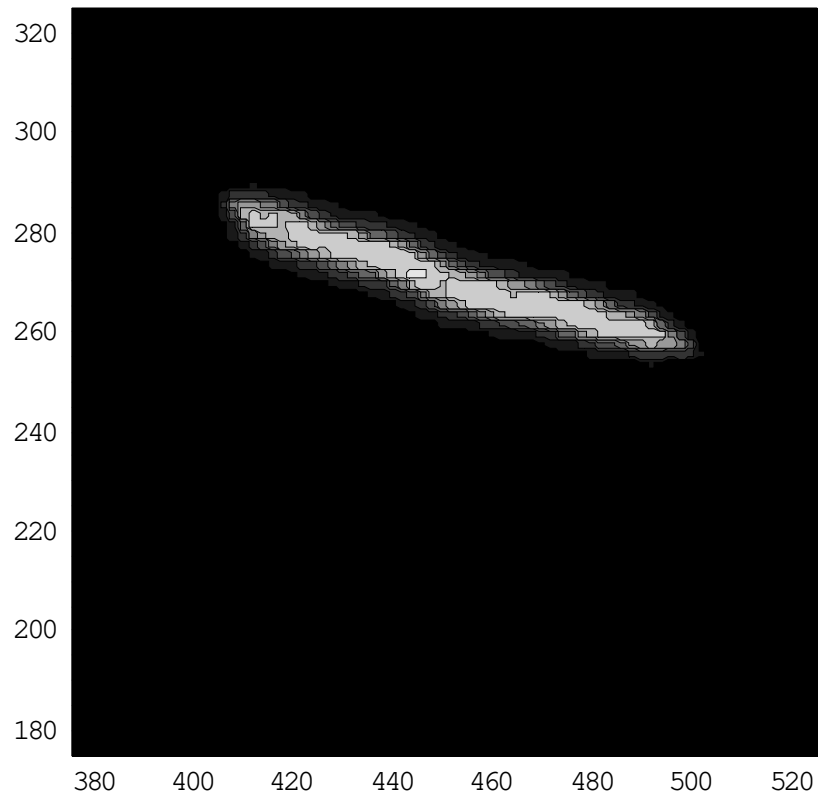
Trail 3D



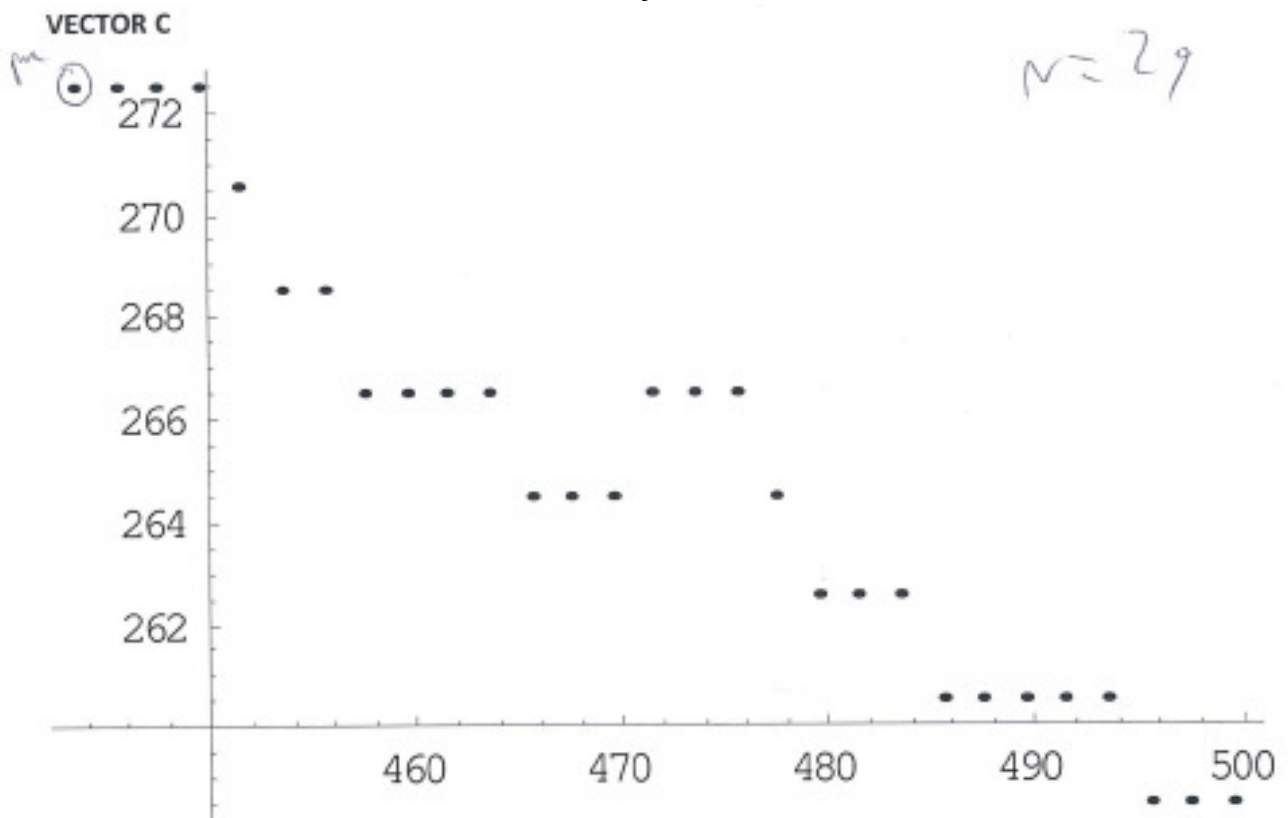
Contour 1x1



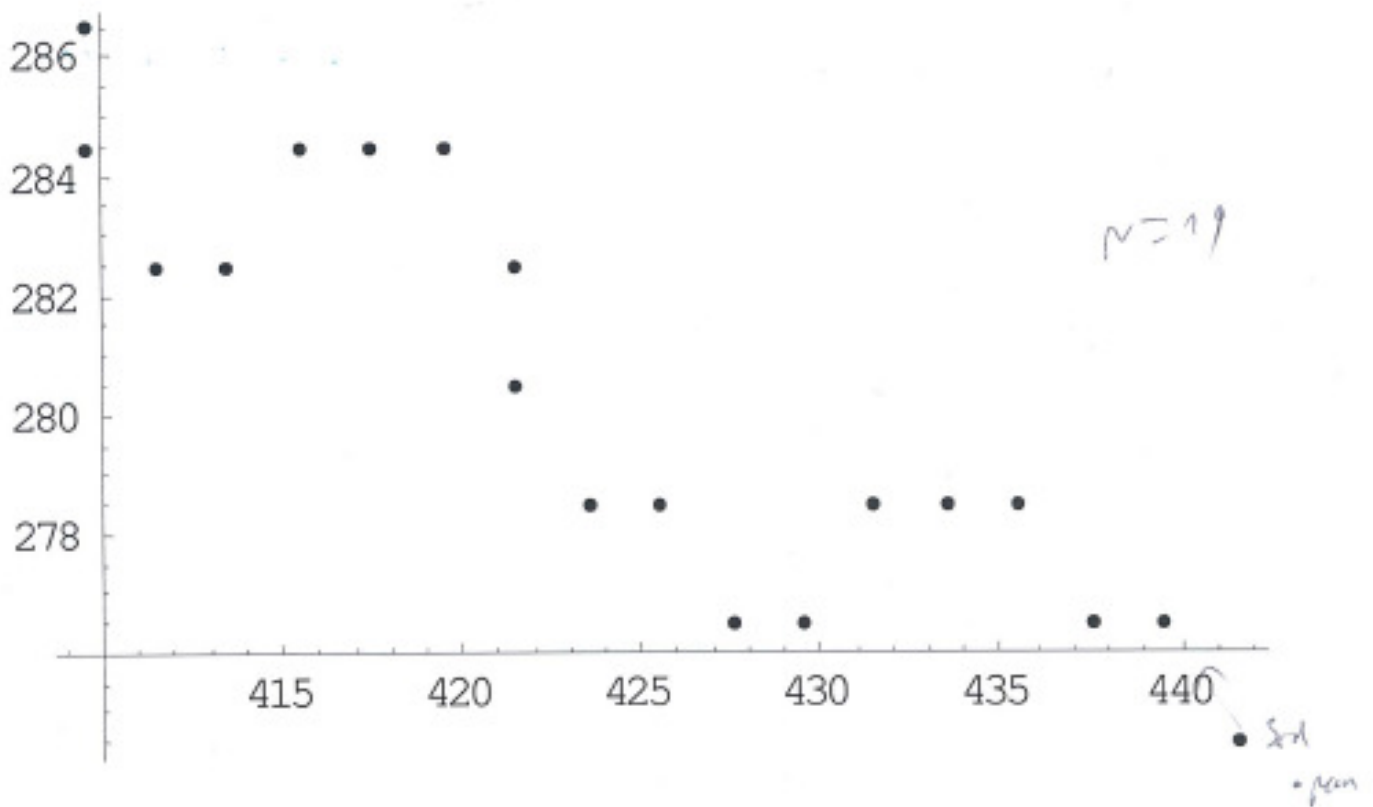
Contour 2x2



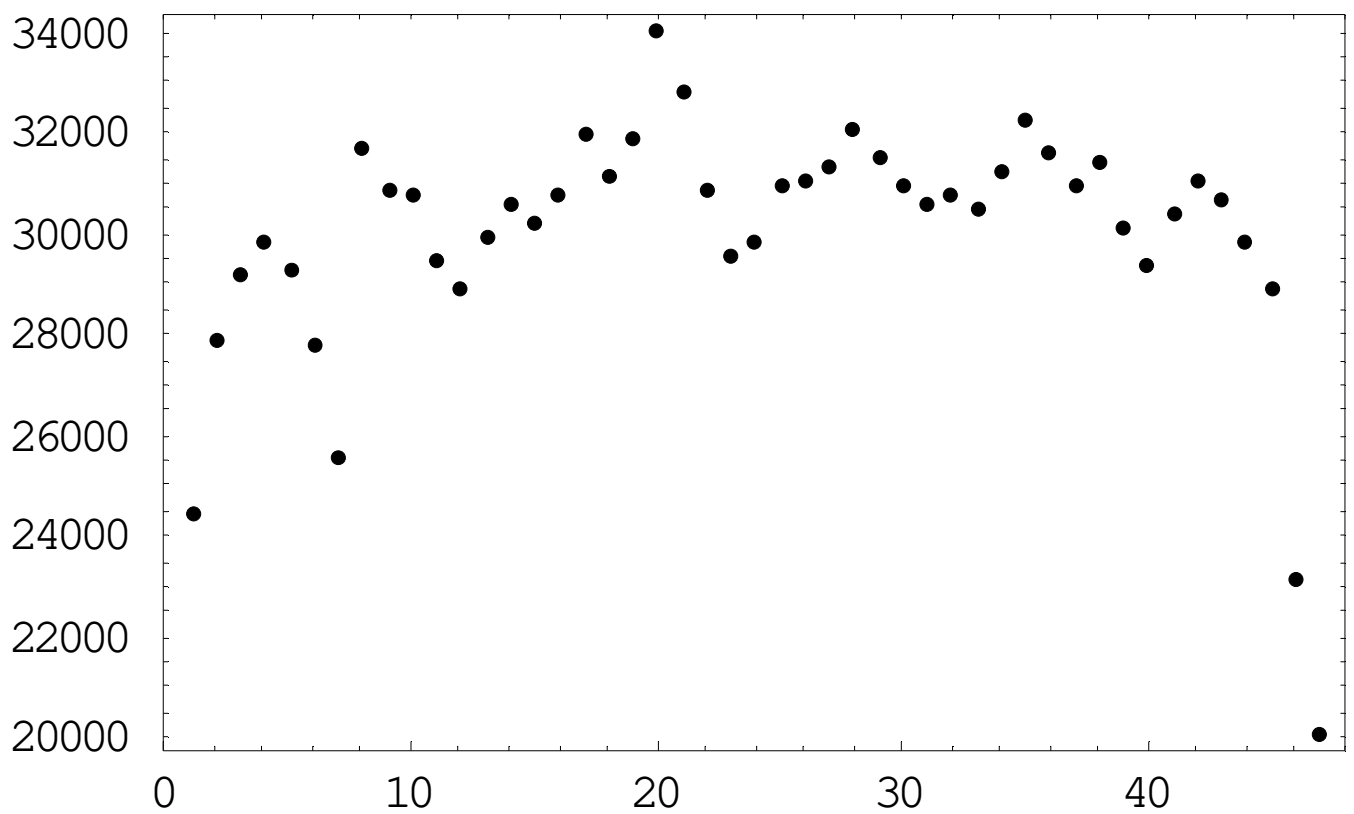
$c+f$ vectors



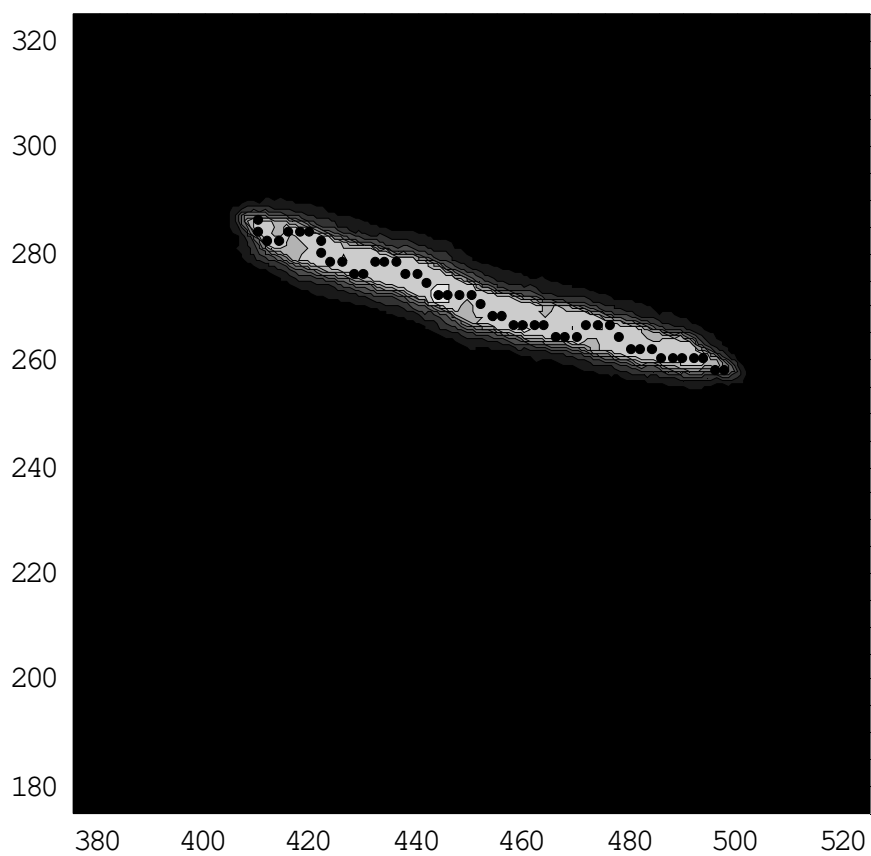
VECTOR F



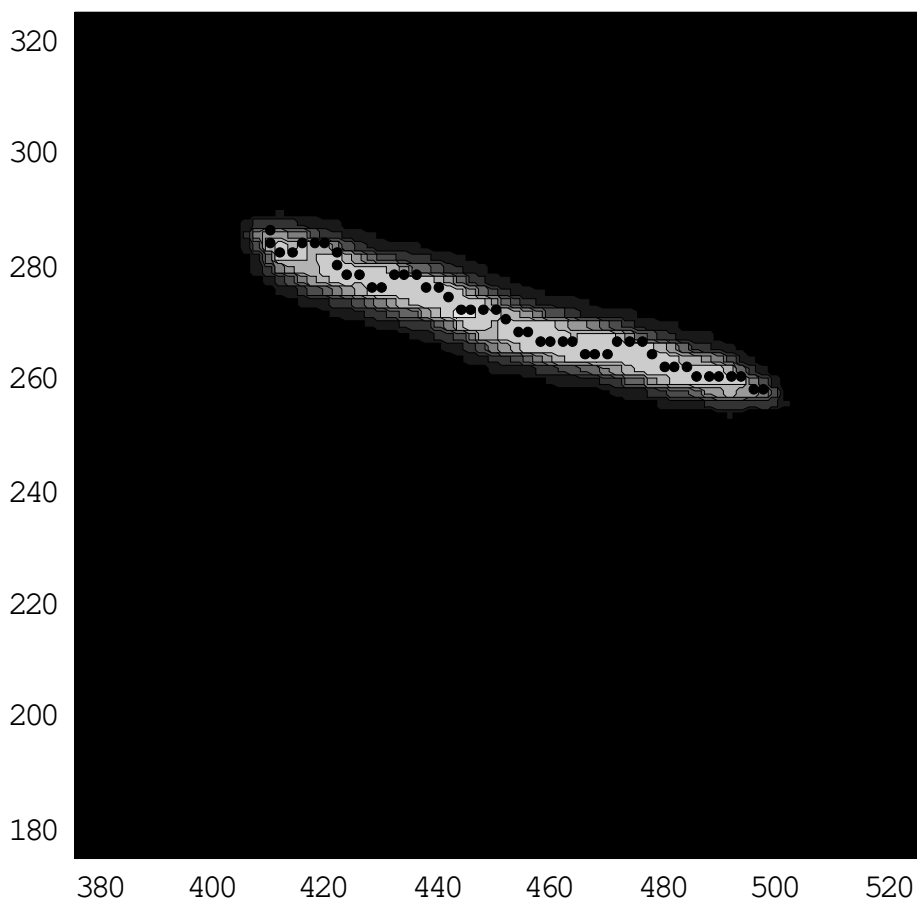
Trail (ADU profile)



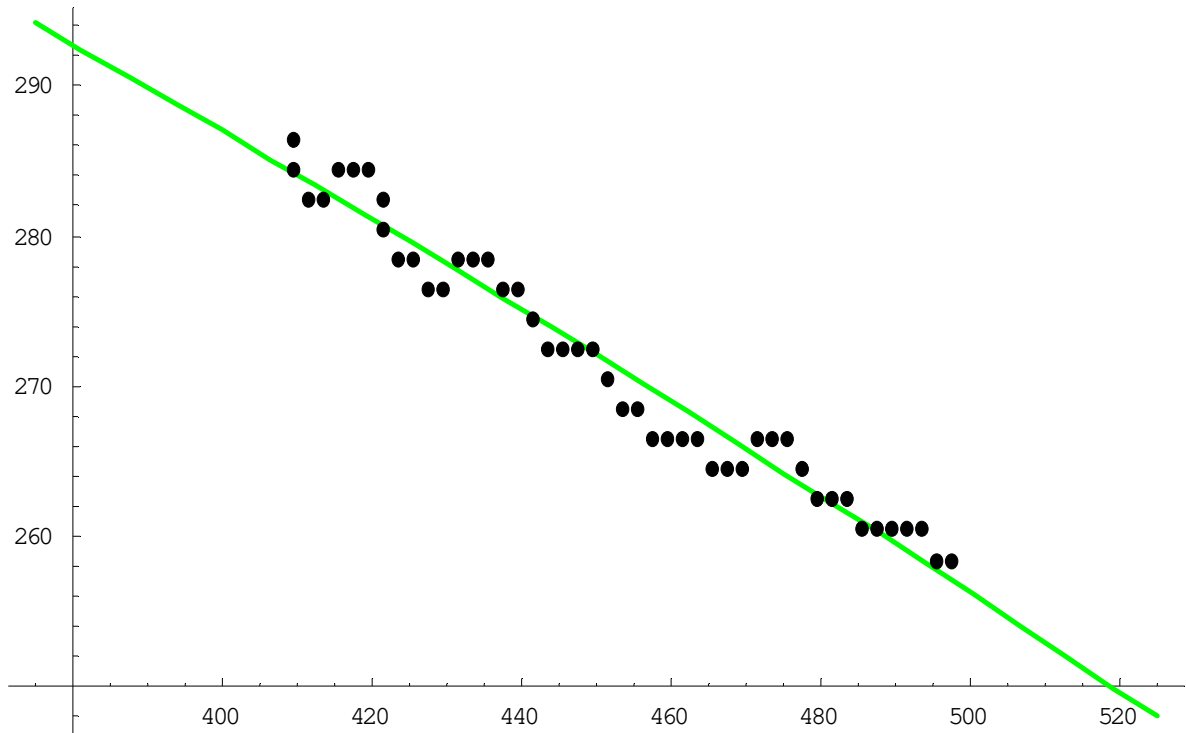
Trail + Contour 1x1



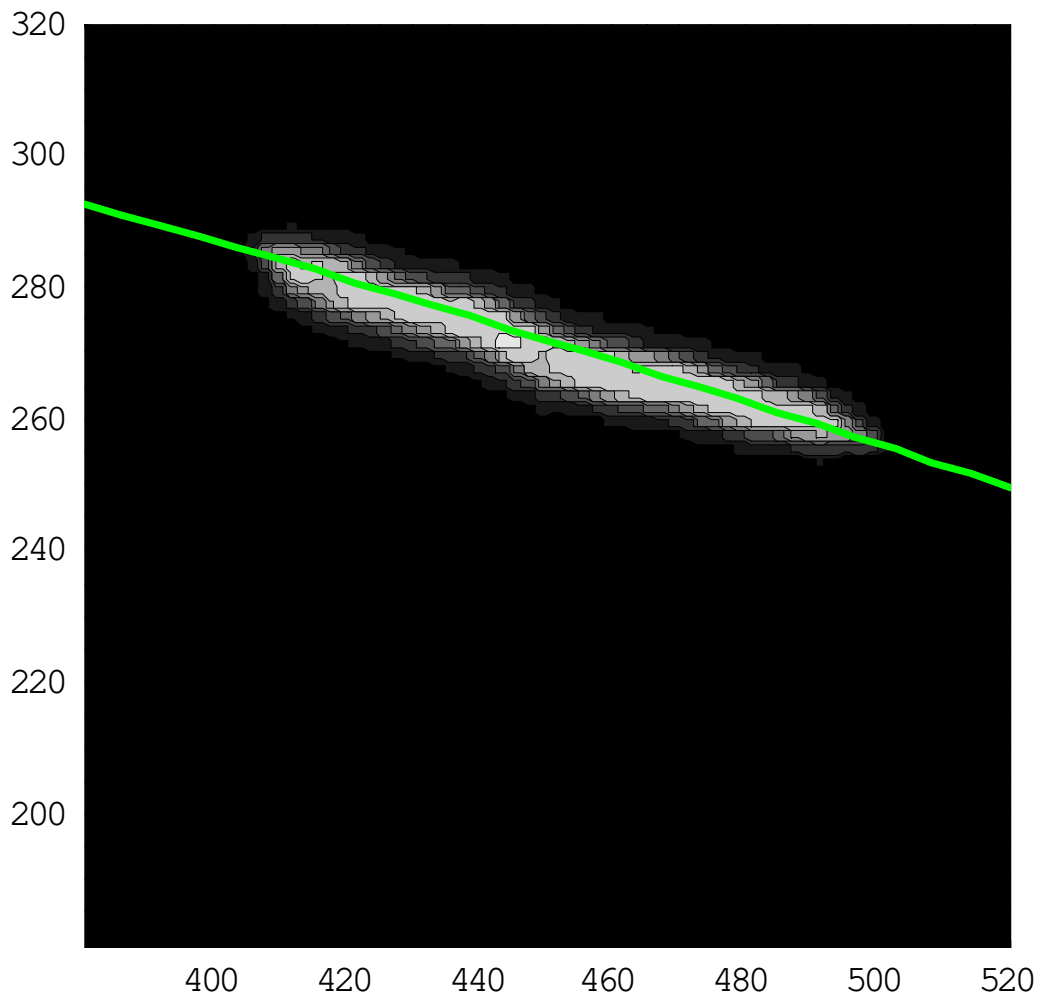
Trail + Contour 2x2



Circle '+' Fit



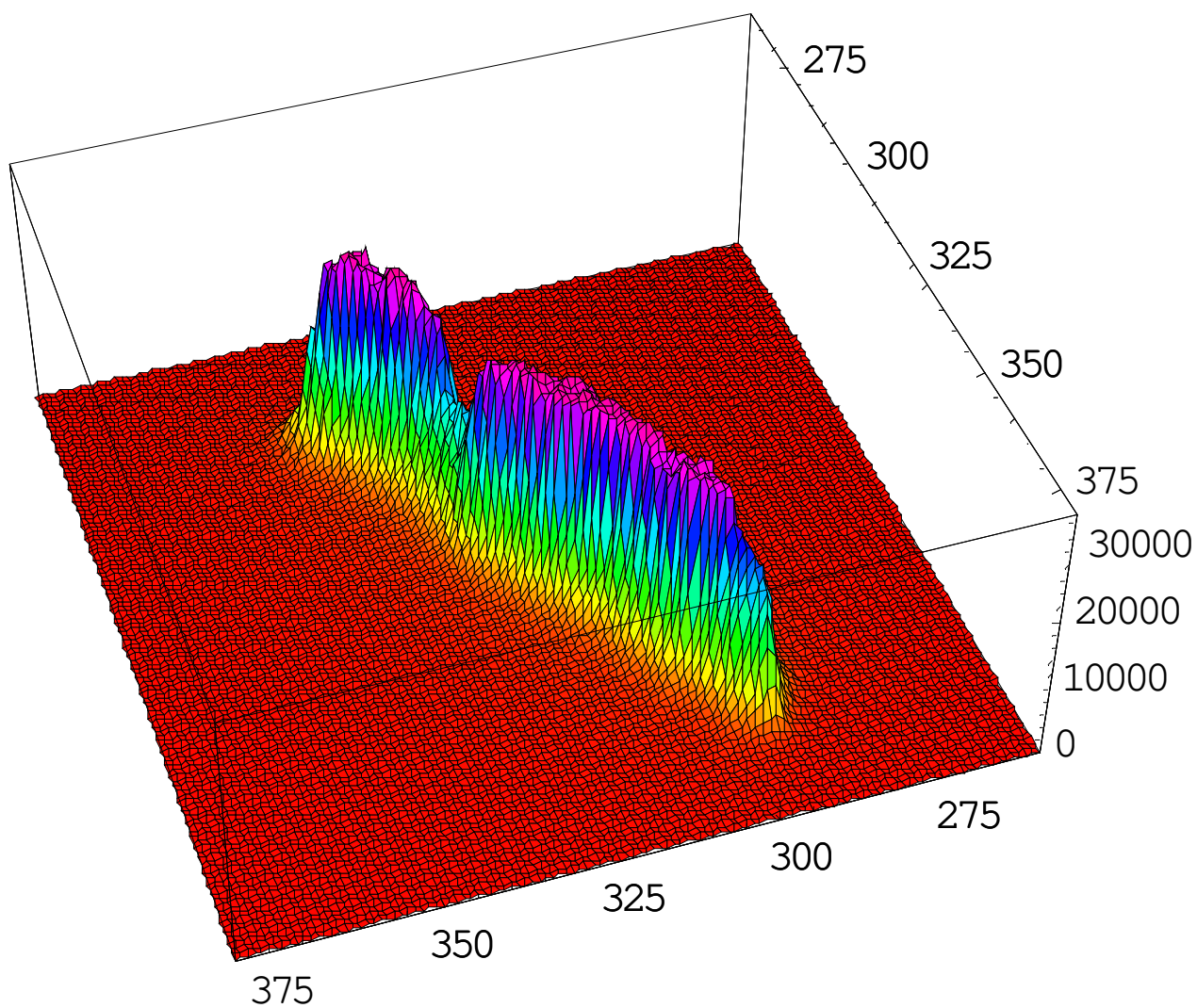
Circle '+' Fit on path



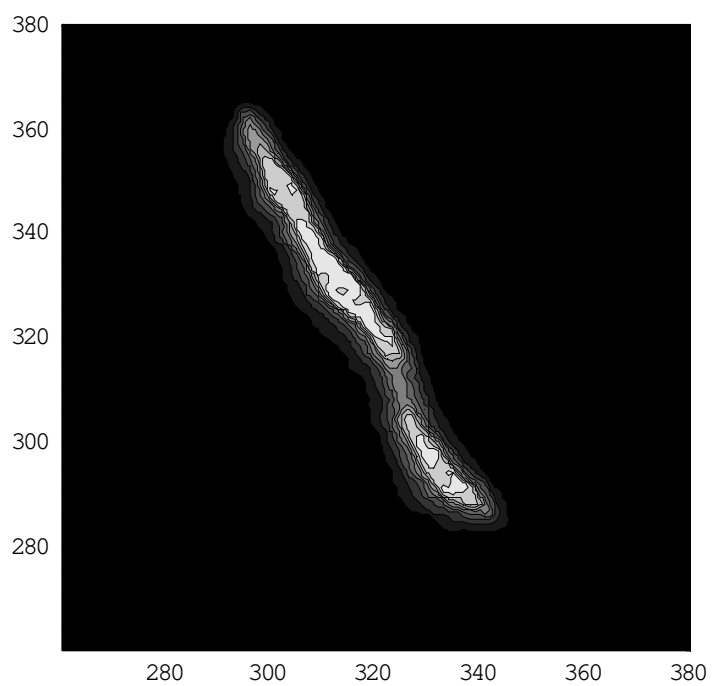
05-11-2008

B3 – PICO RUIVO DE SANTANA

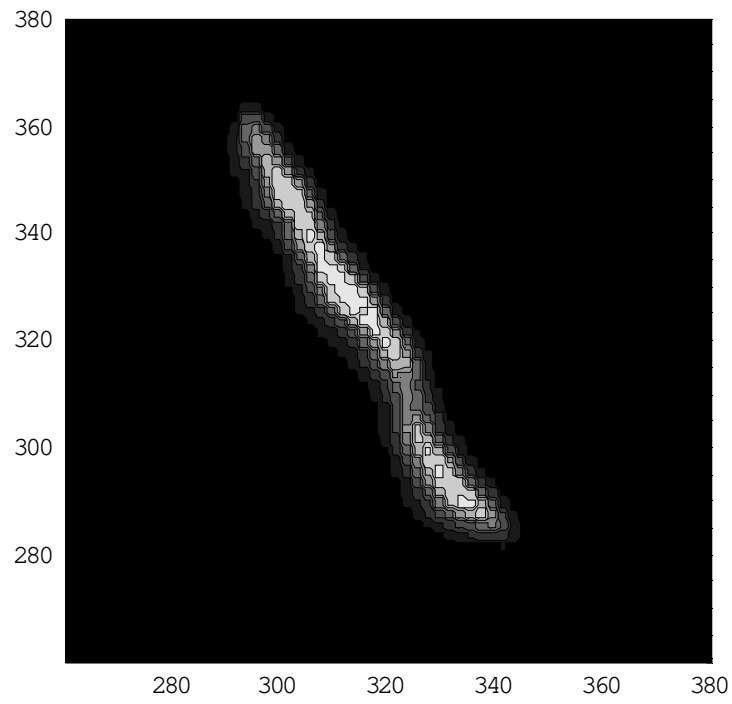
Trail 3D



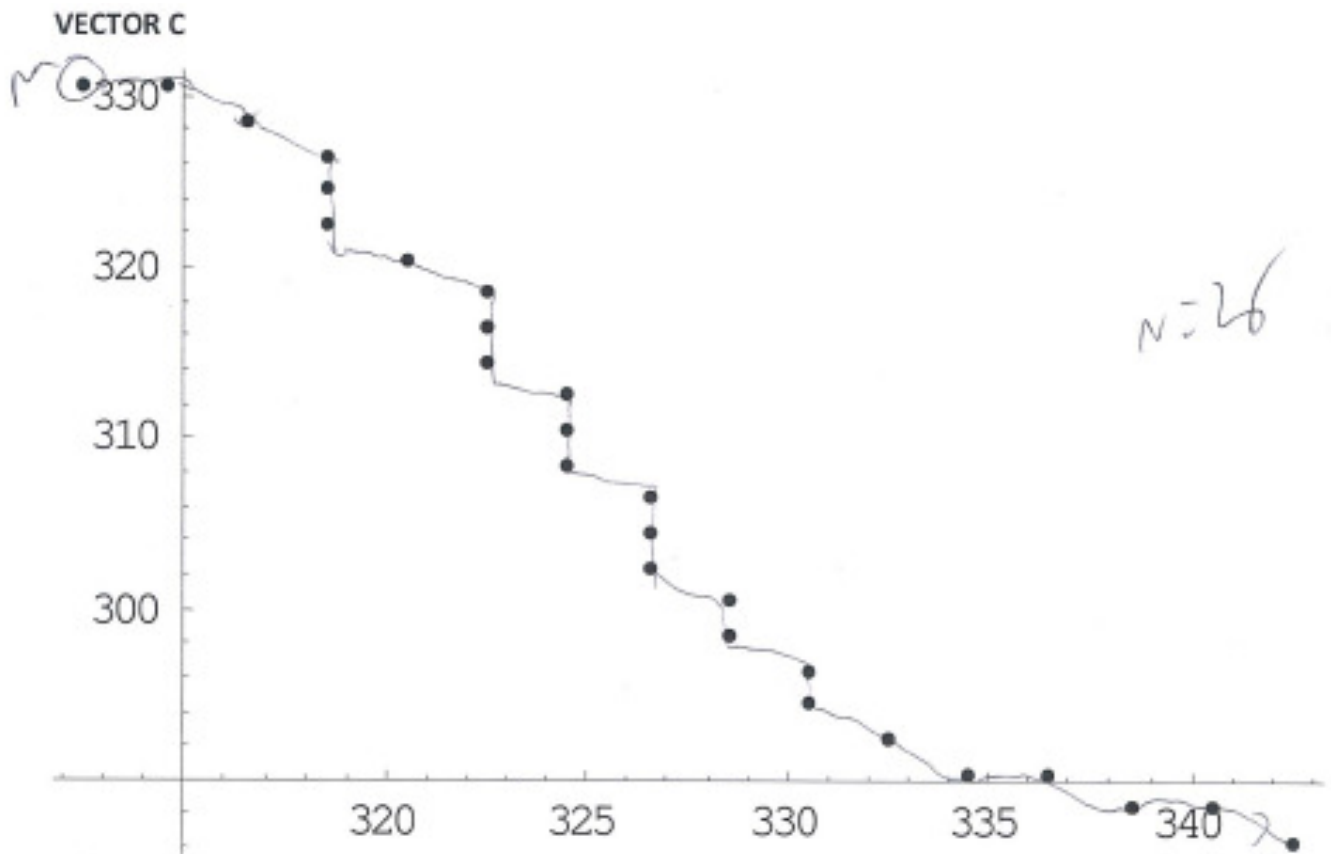
Contour 1x1



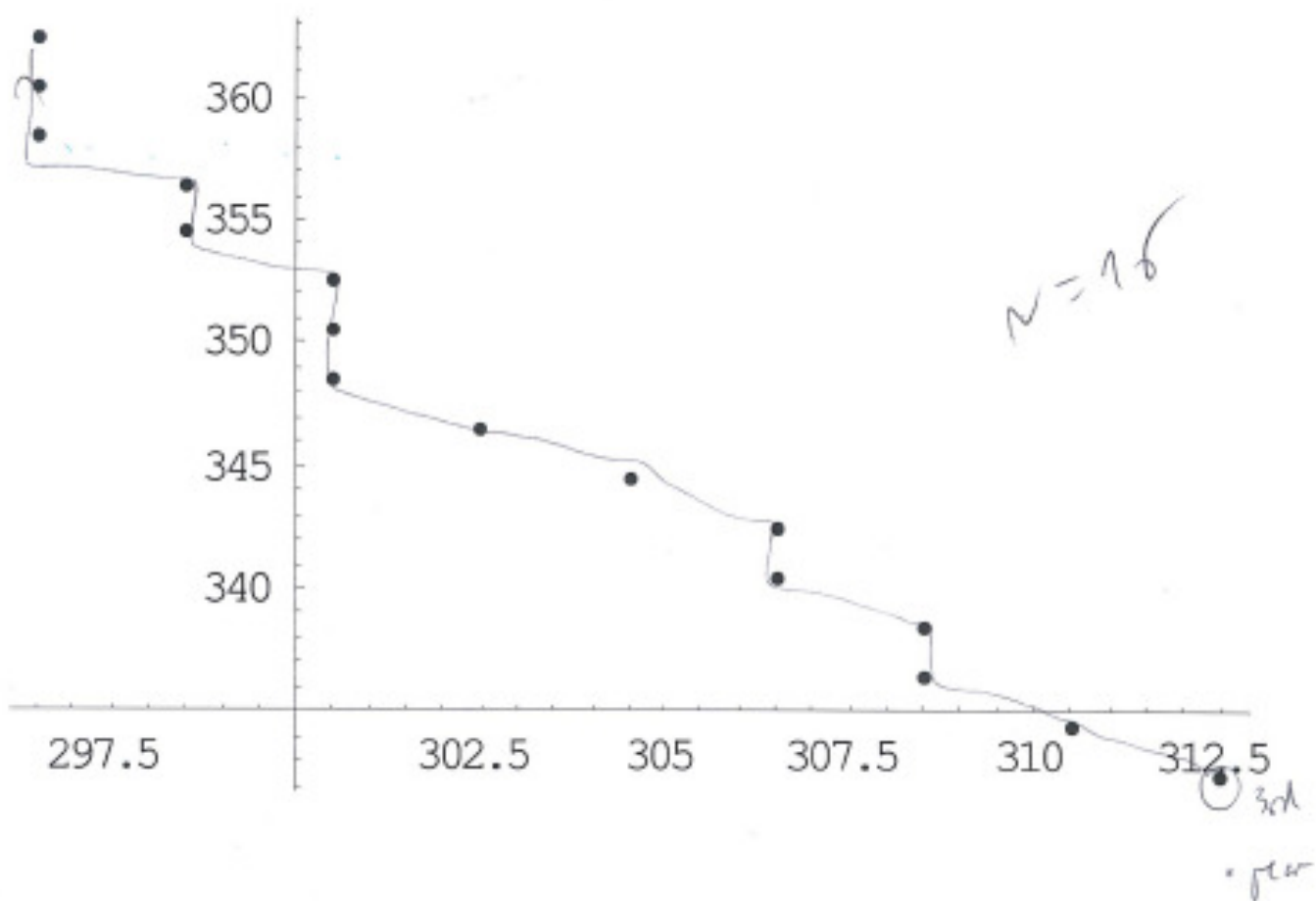
Contour 2x2



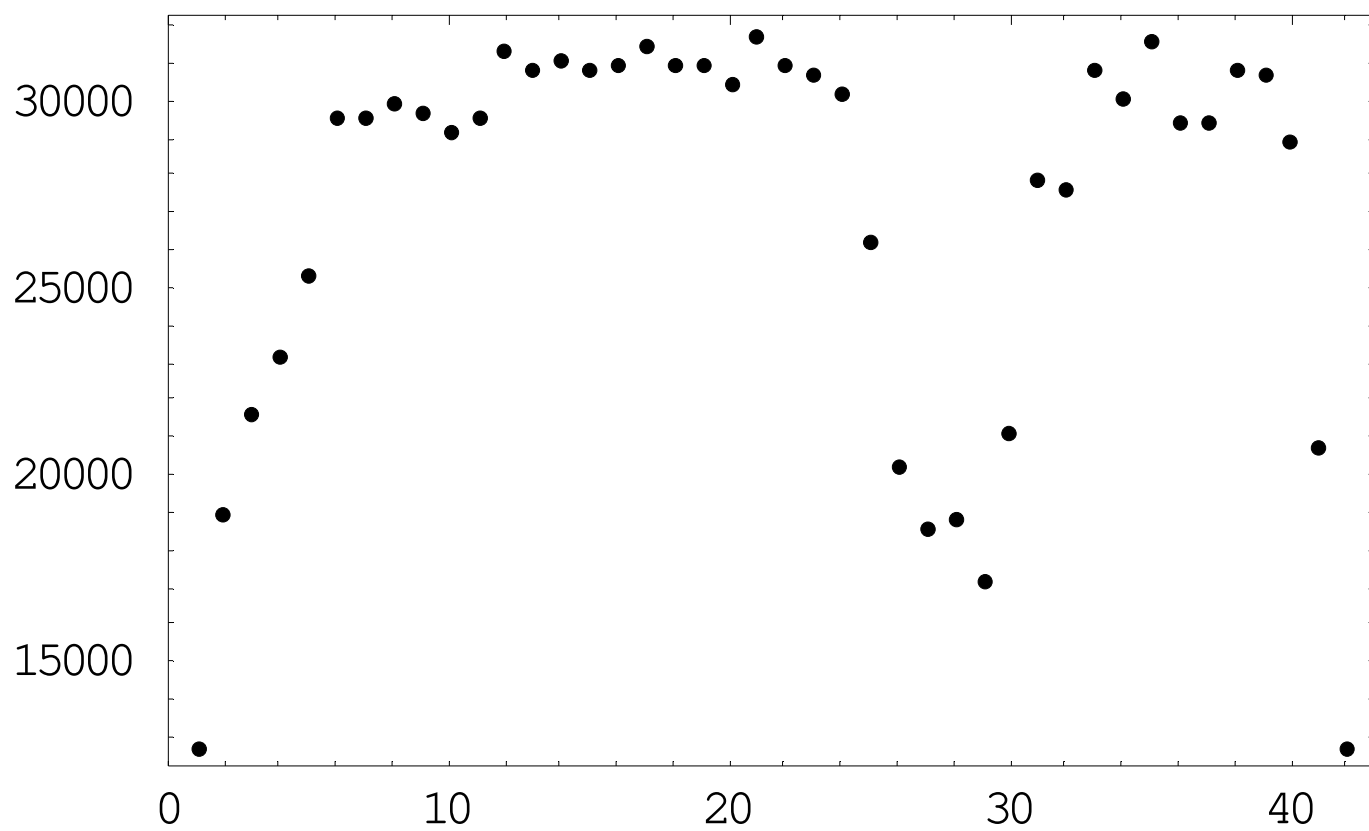
c+f vectors



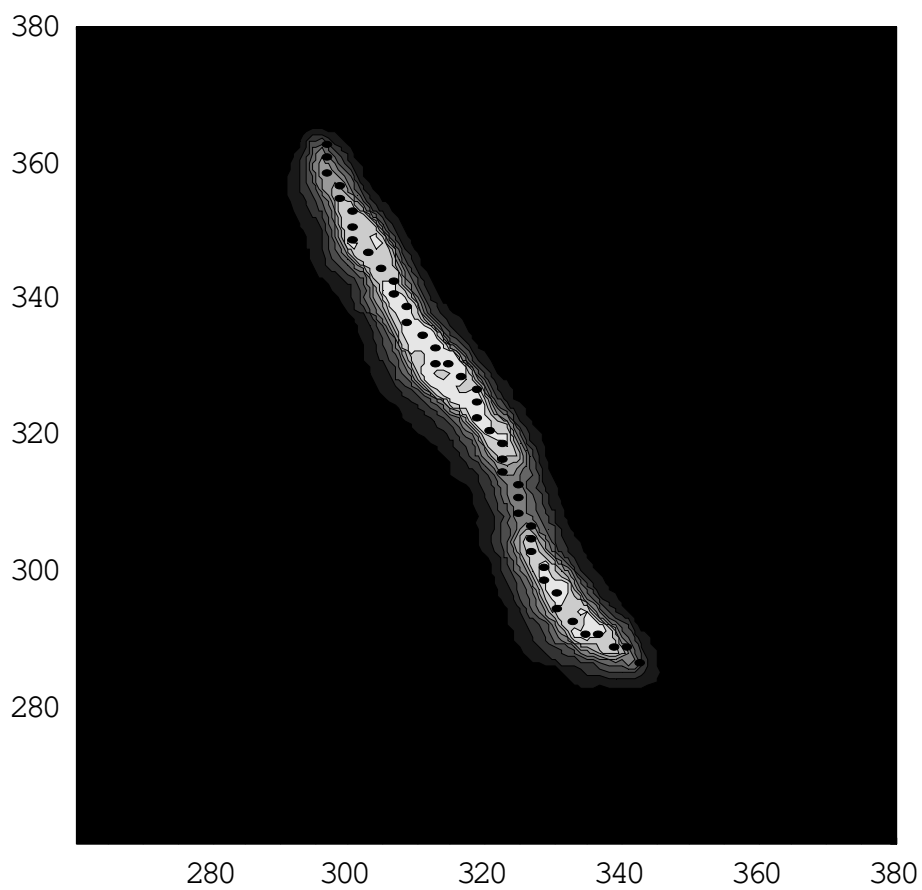
VECTOR F



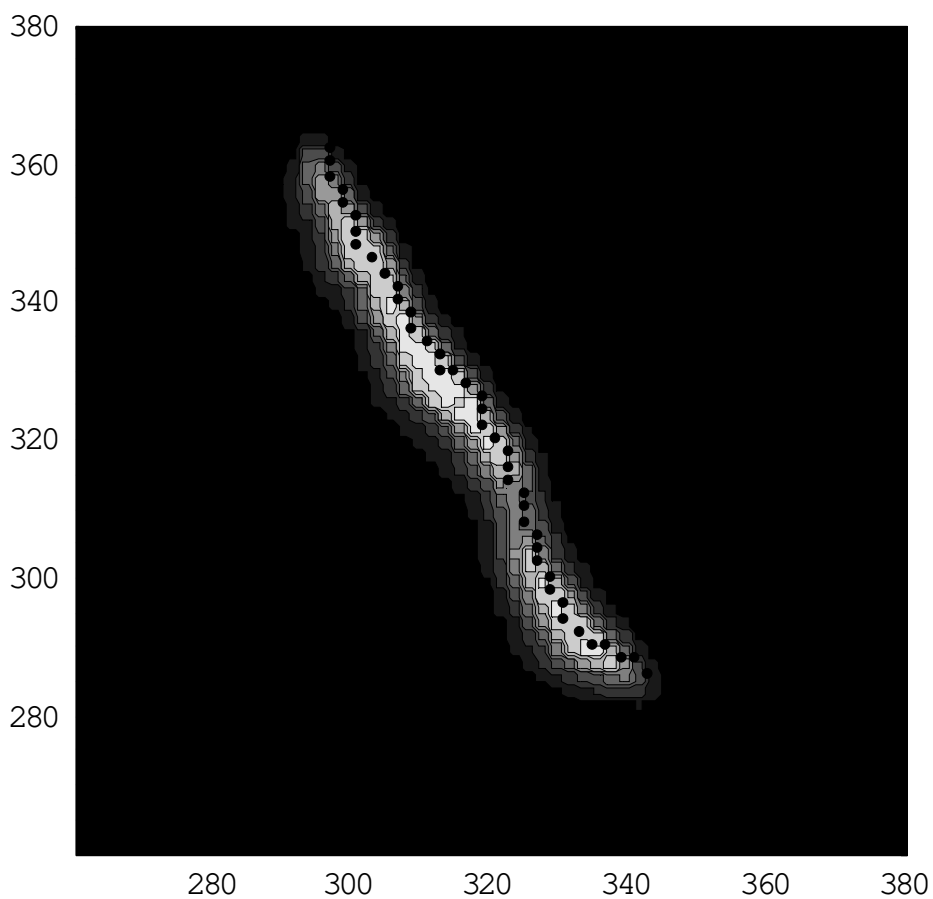
Trail (ADU profile)



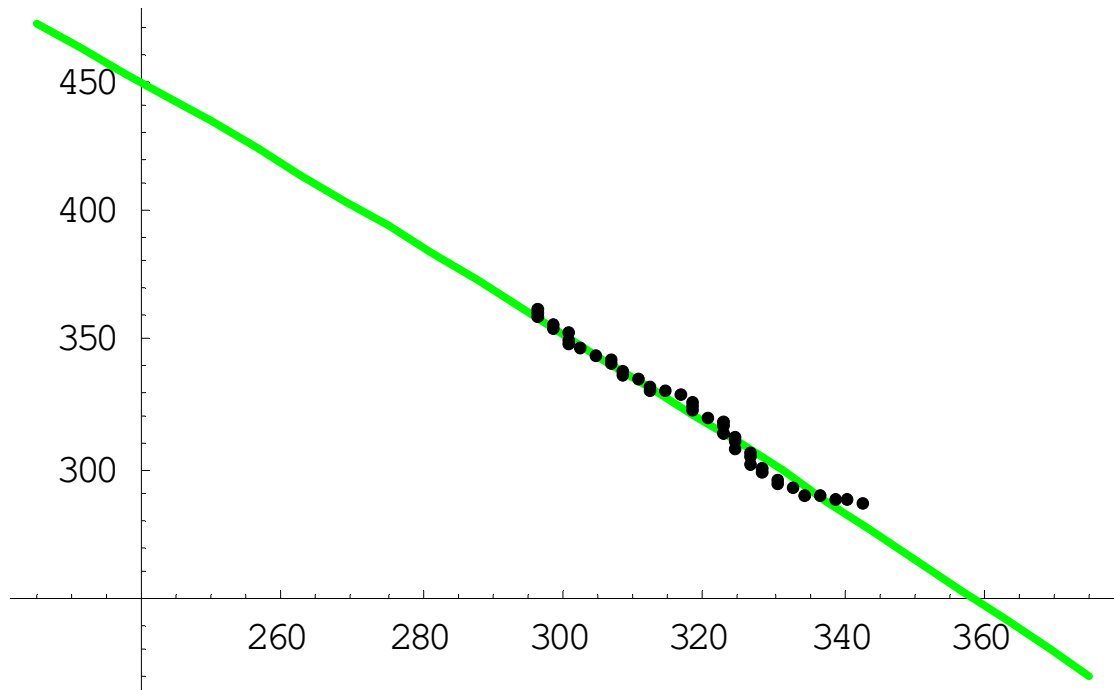
Trail + Contour 1x1



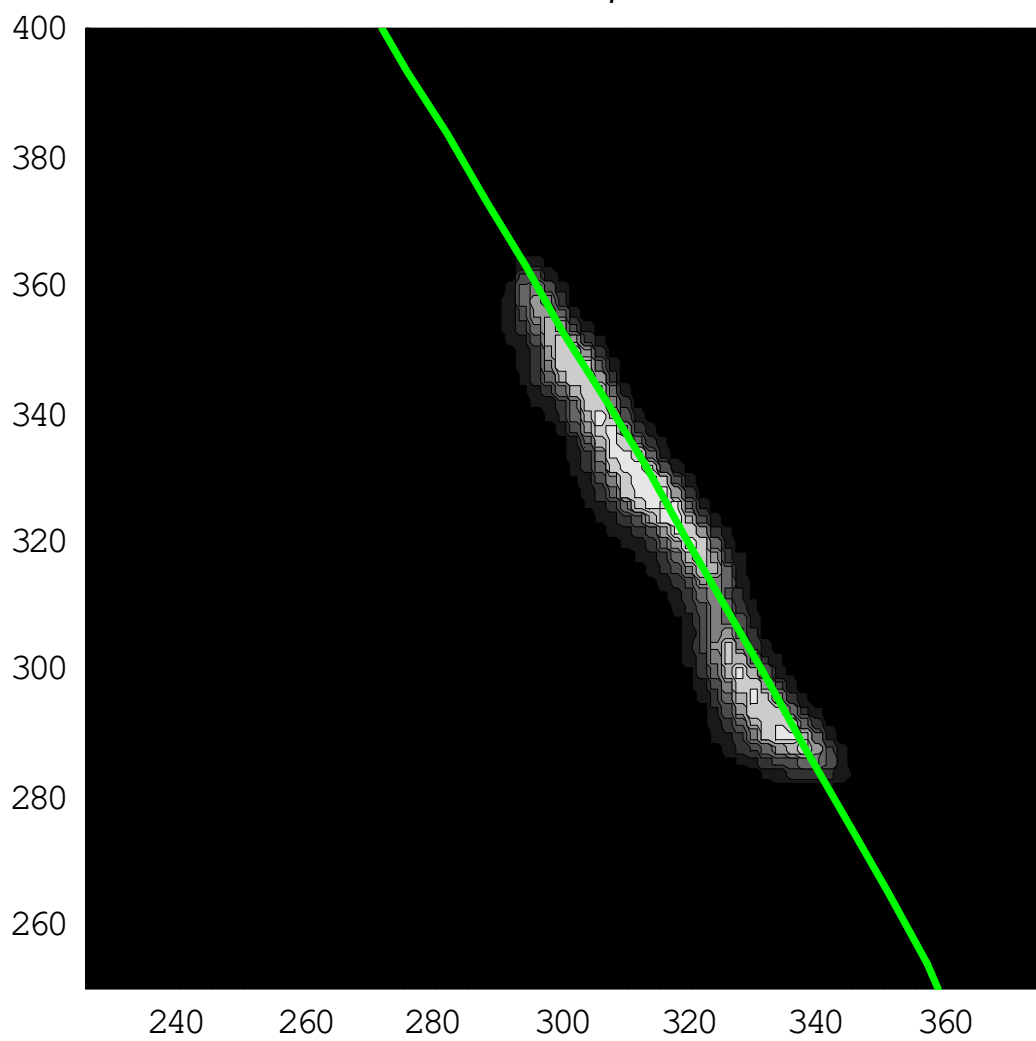
Trail + Contour 2x2



Circle '+' Fit



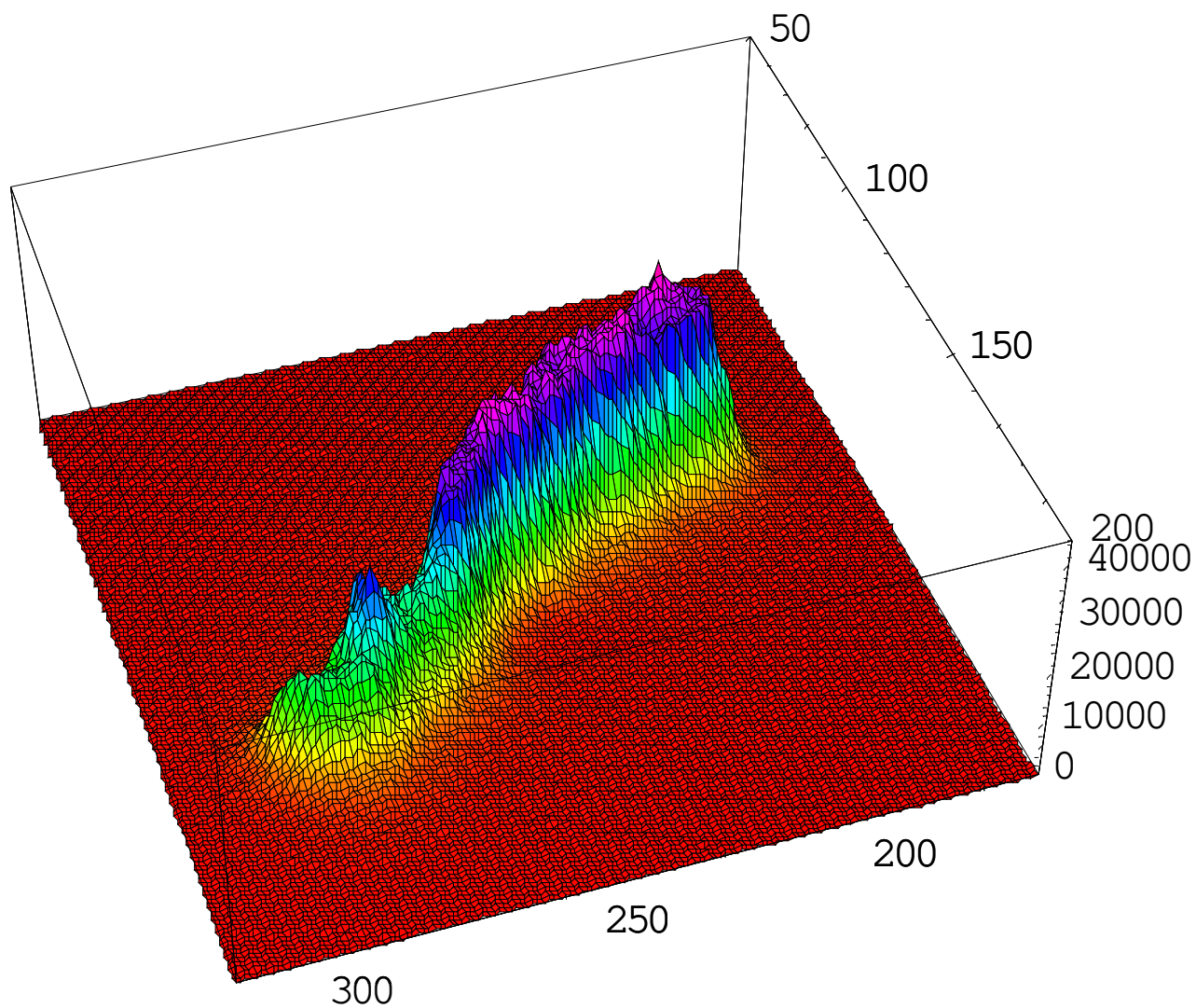
Circle '+' Fit on path



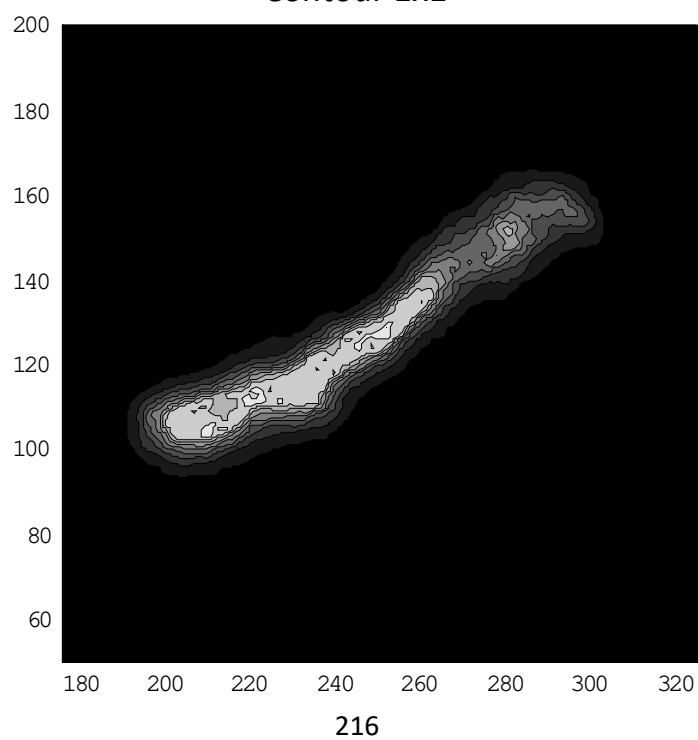
14-11-2008

A1 – JUNCAL (with “lobe work”)

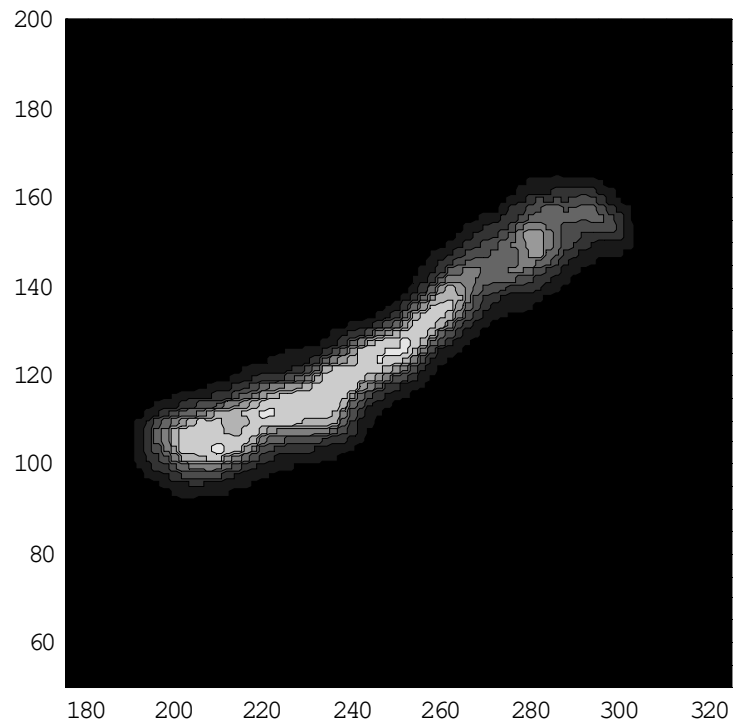
Trail 3D



Contour 1x1

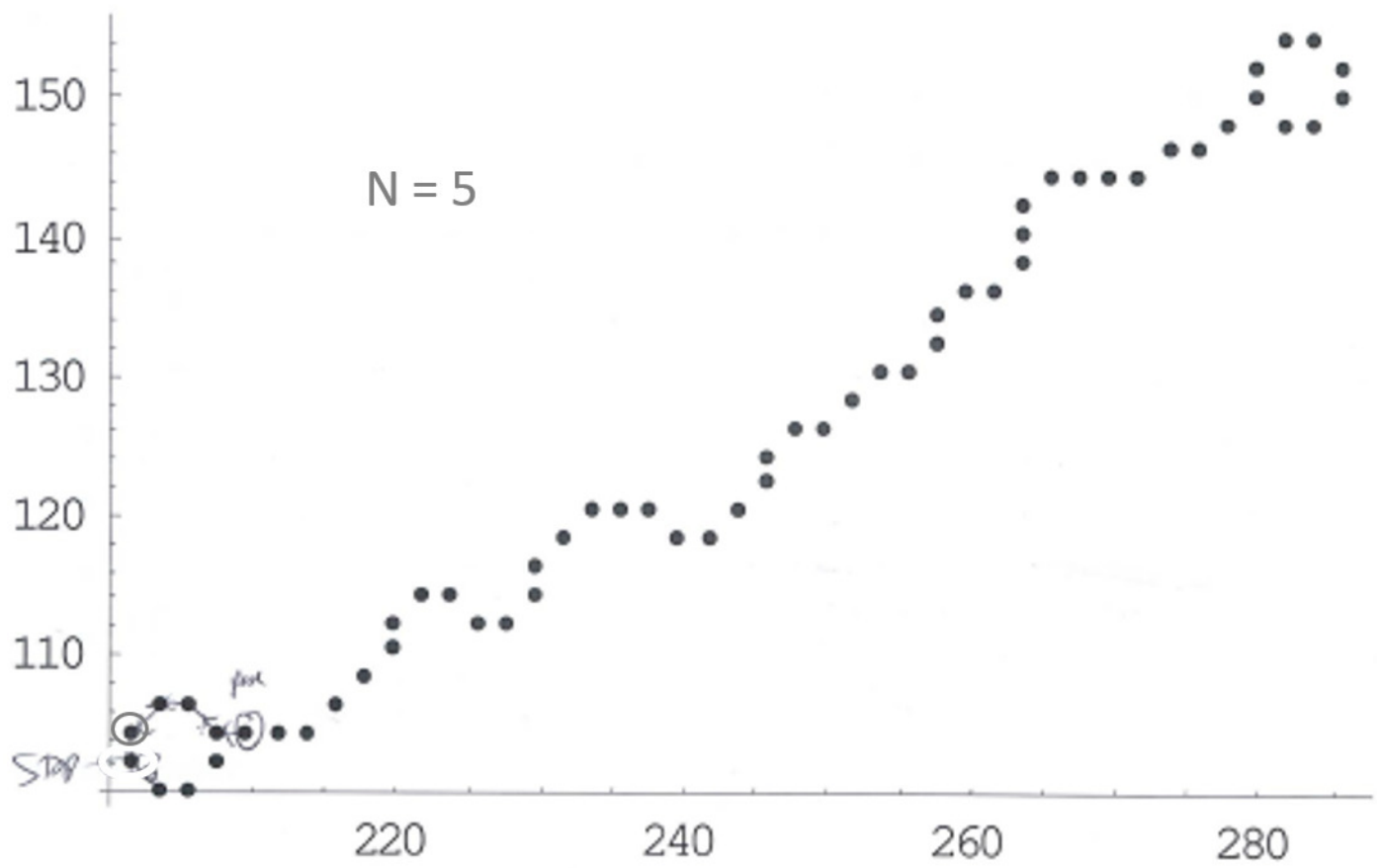


Contour 2x2

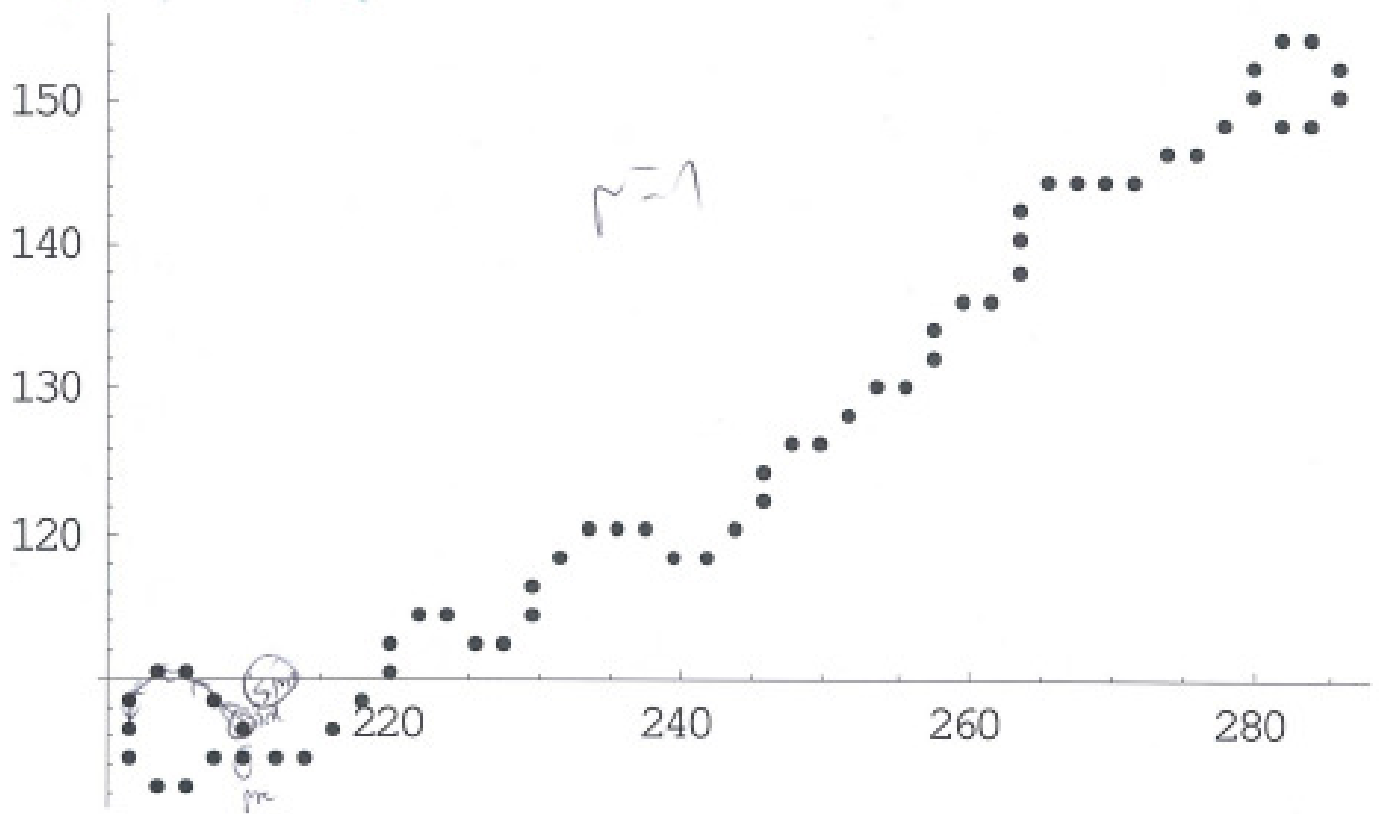


c+f vectors (main)

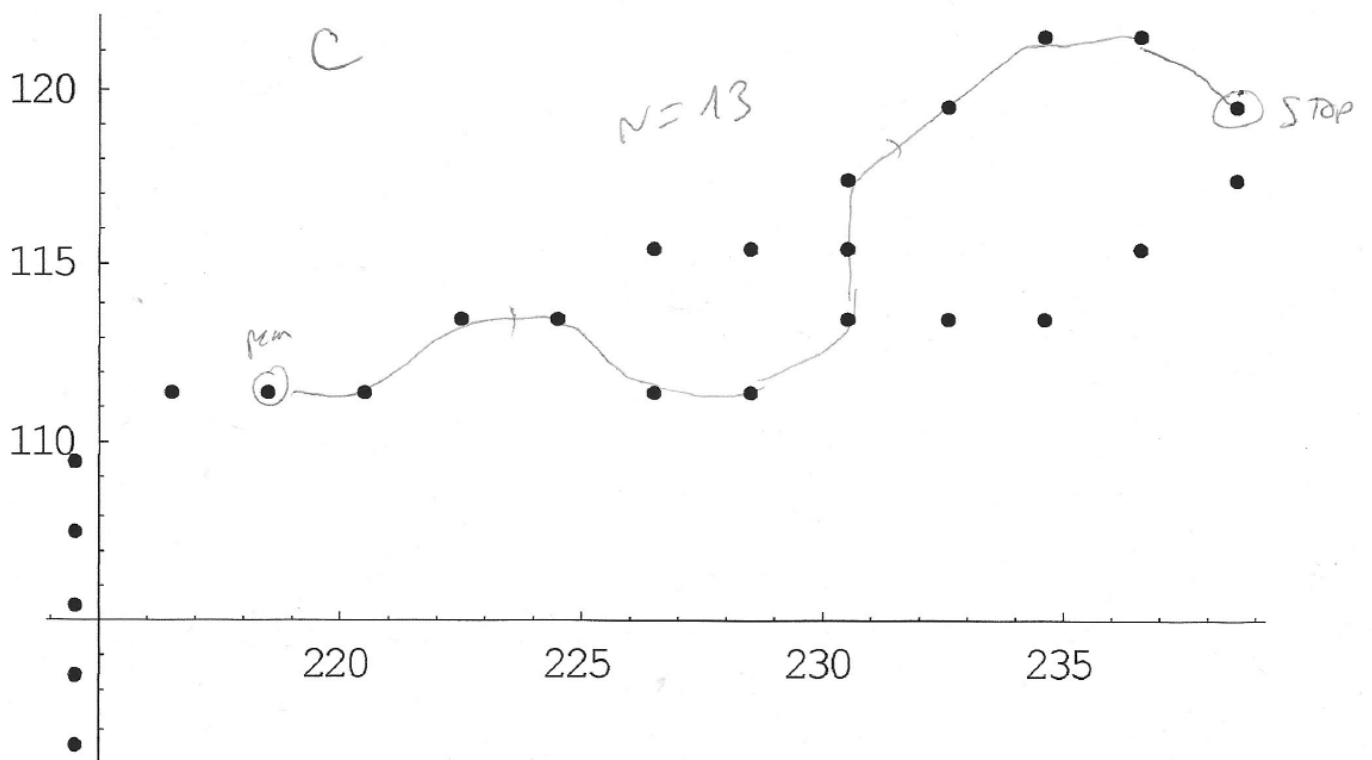
VECTOR C

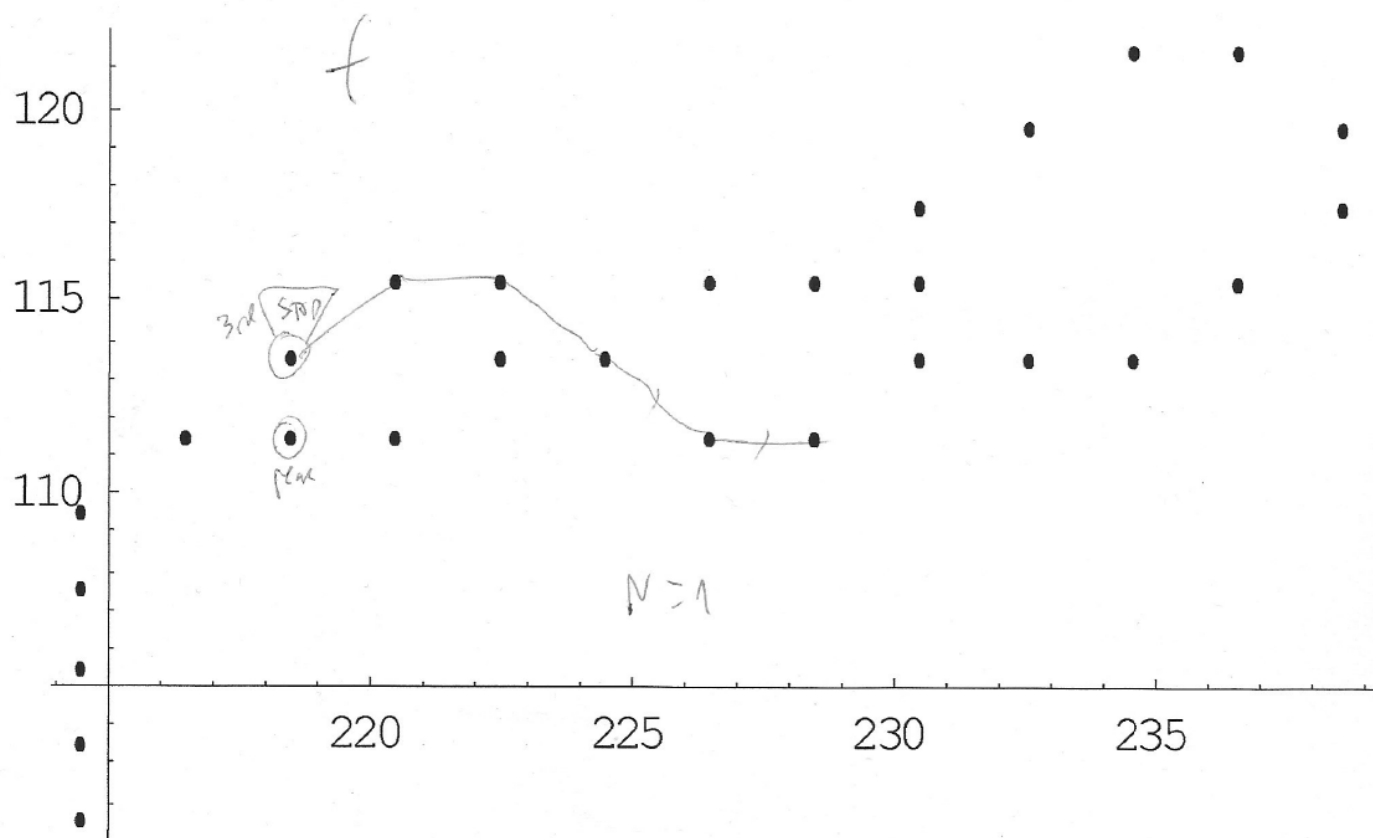


VECTOR F



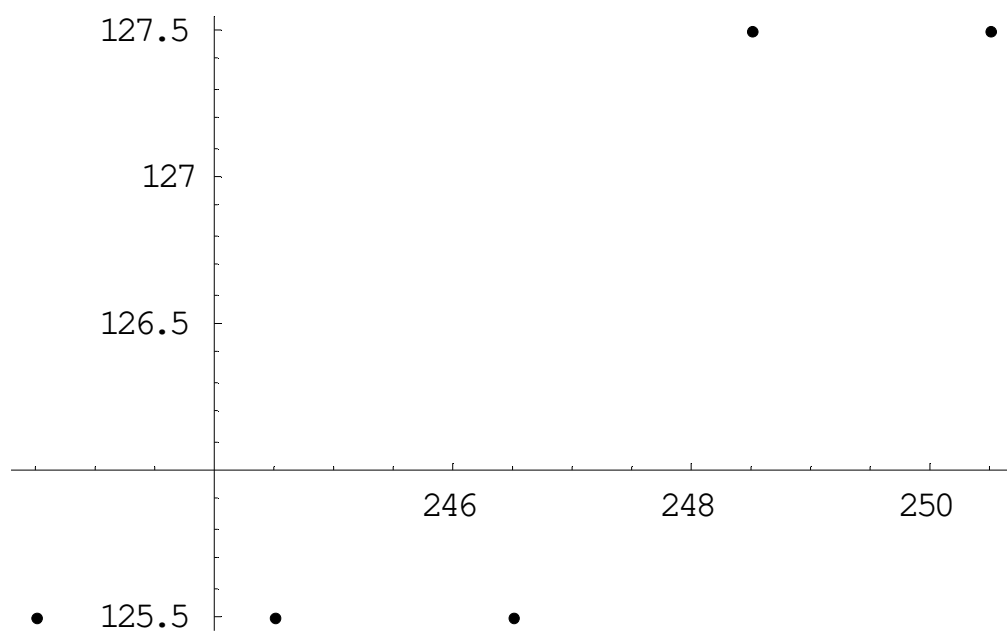
c+f vectors (central lobe)



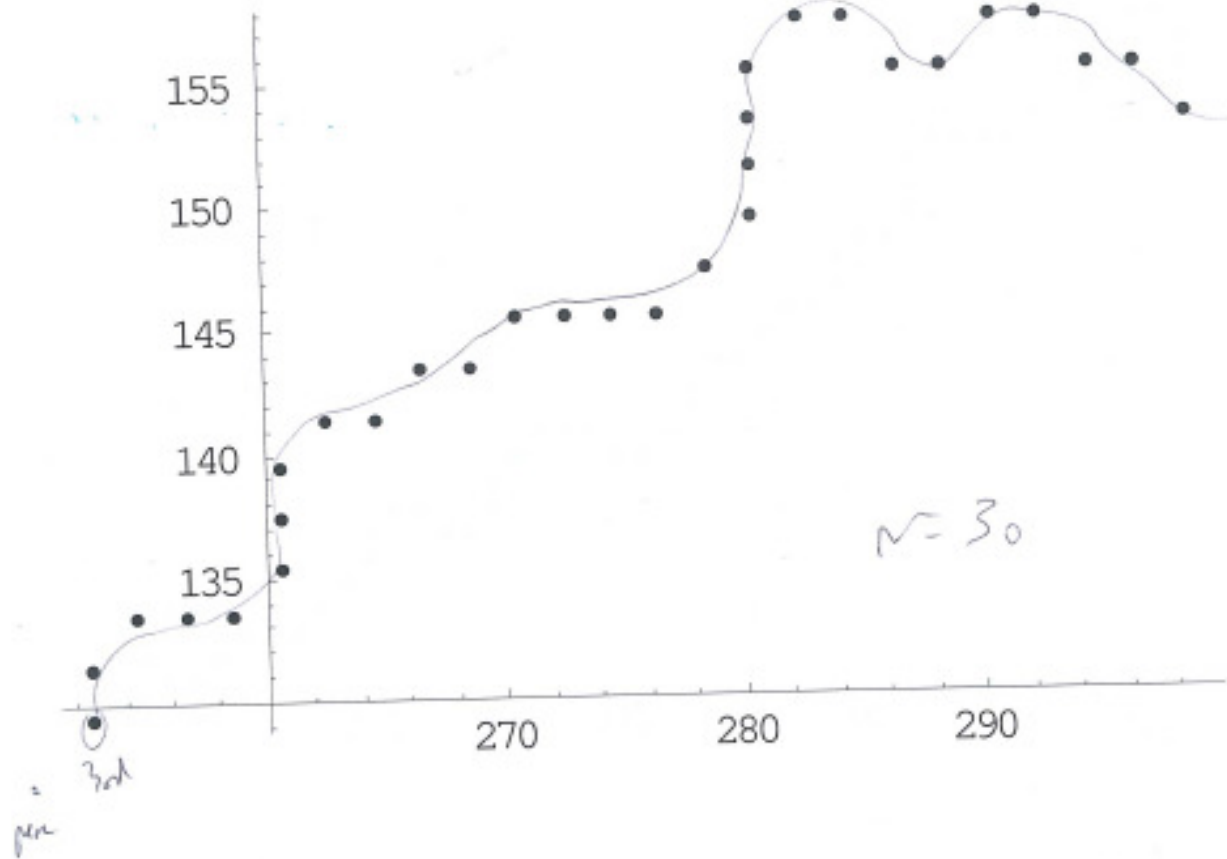


c+f vectors (right lobe)

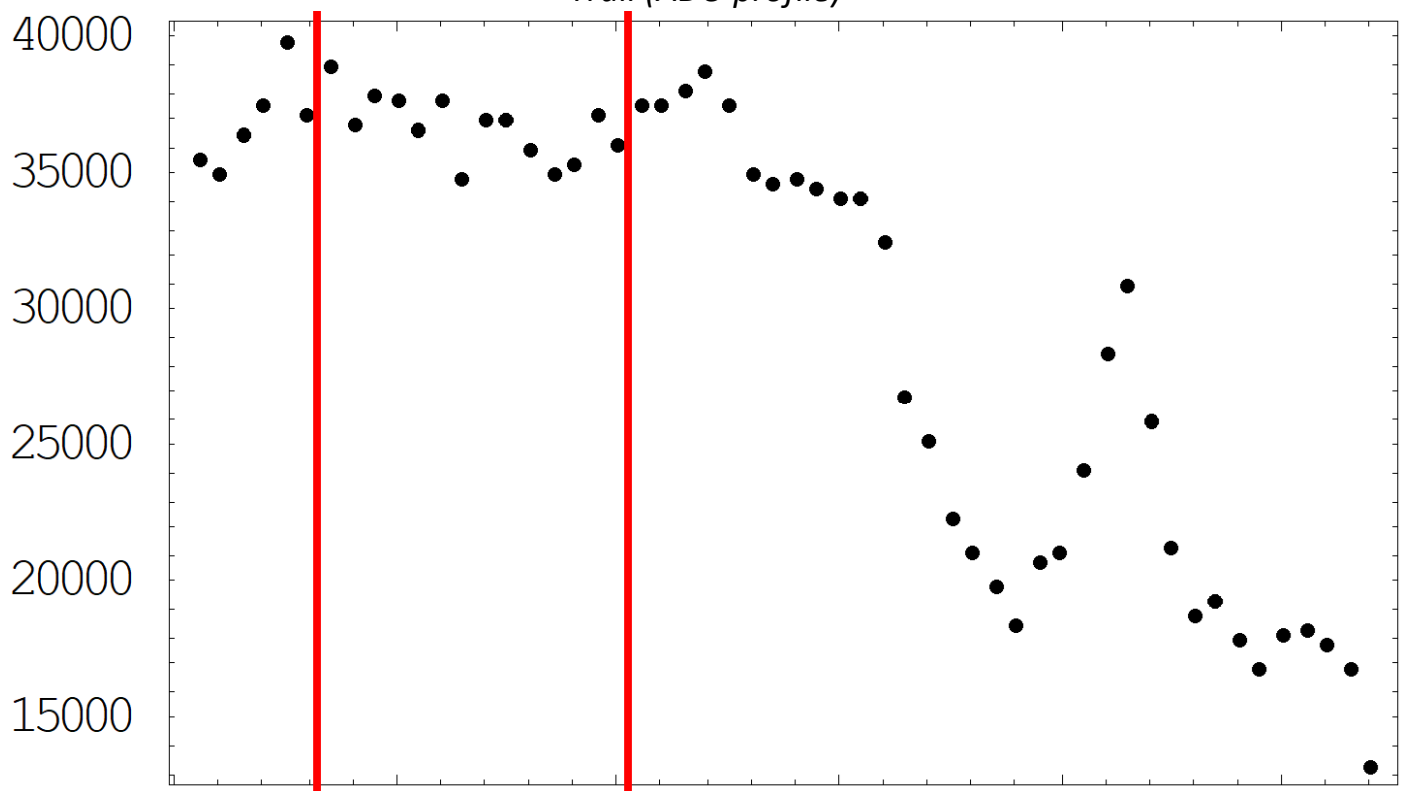
VECTOR C



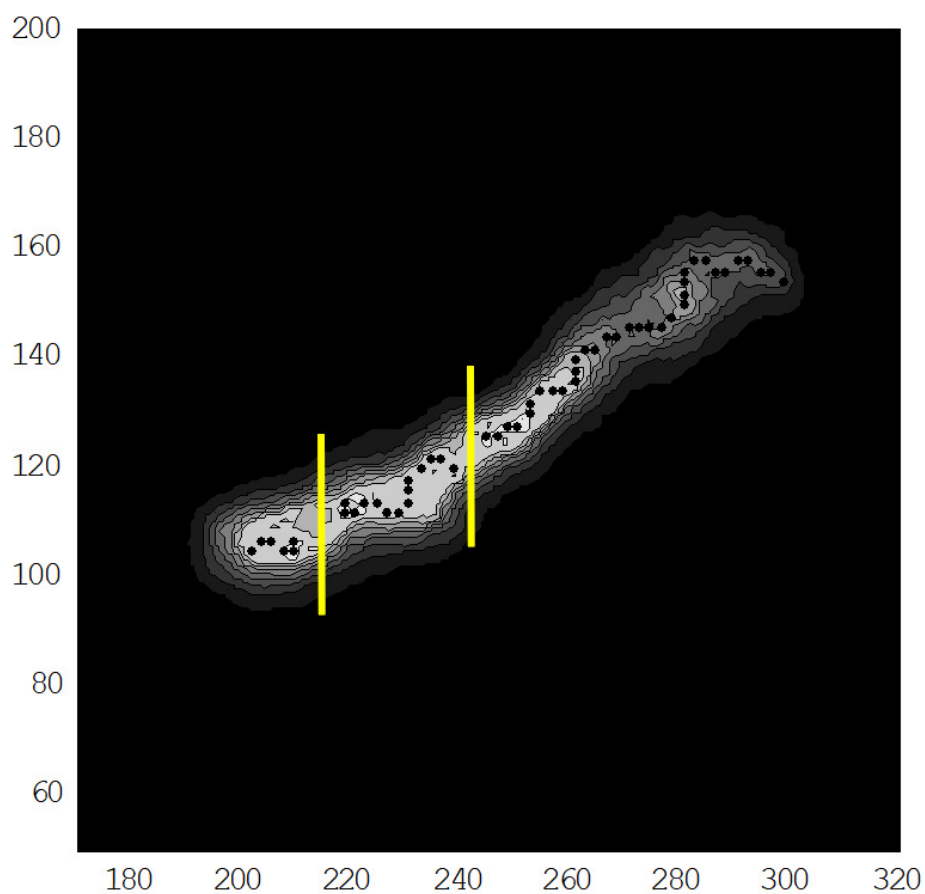
VECTOR F (2nd lobe):



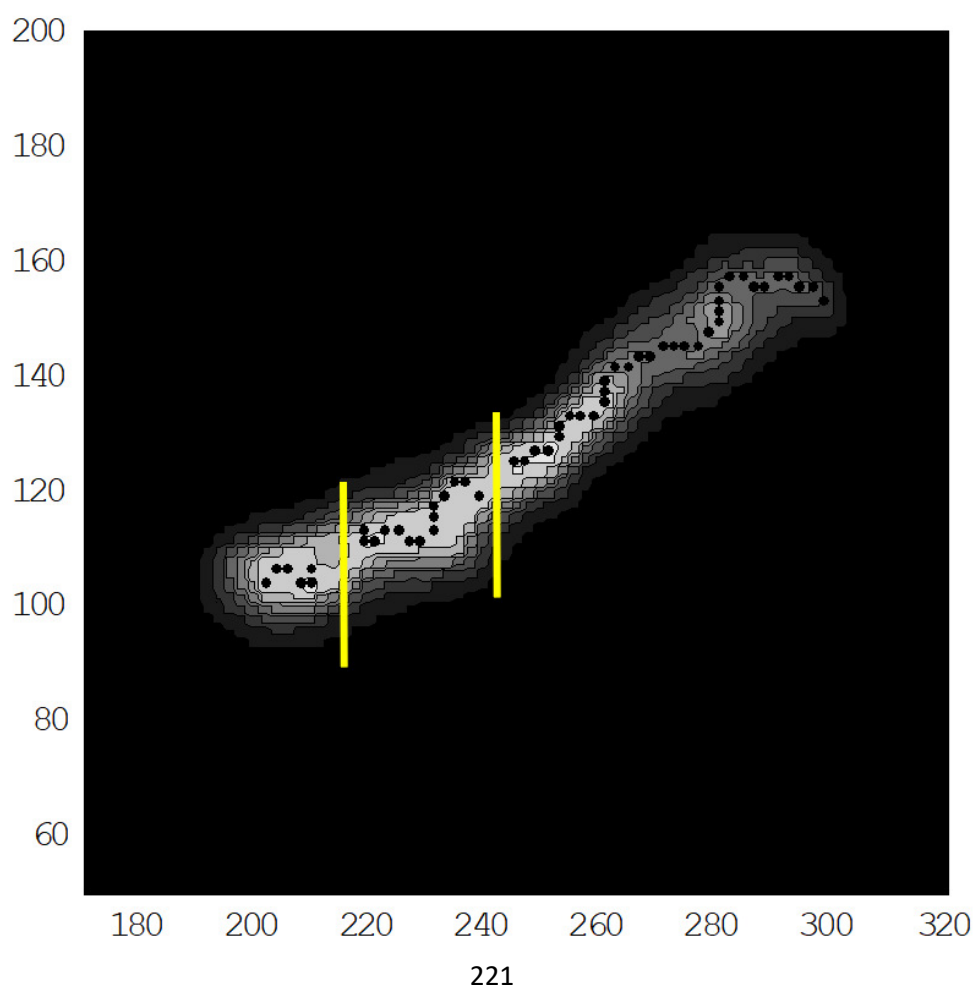
Trail (ADU profile)



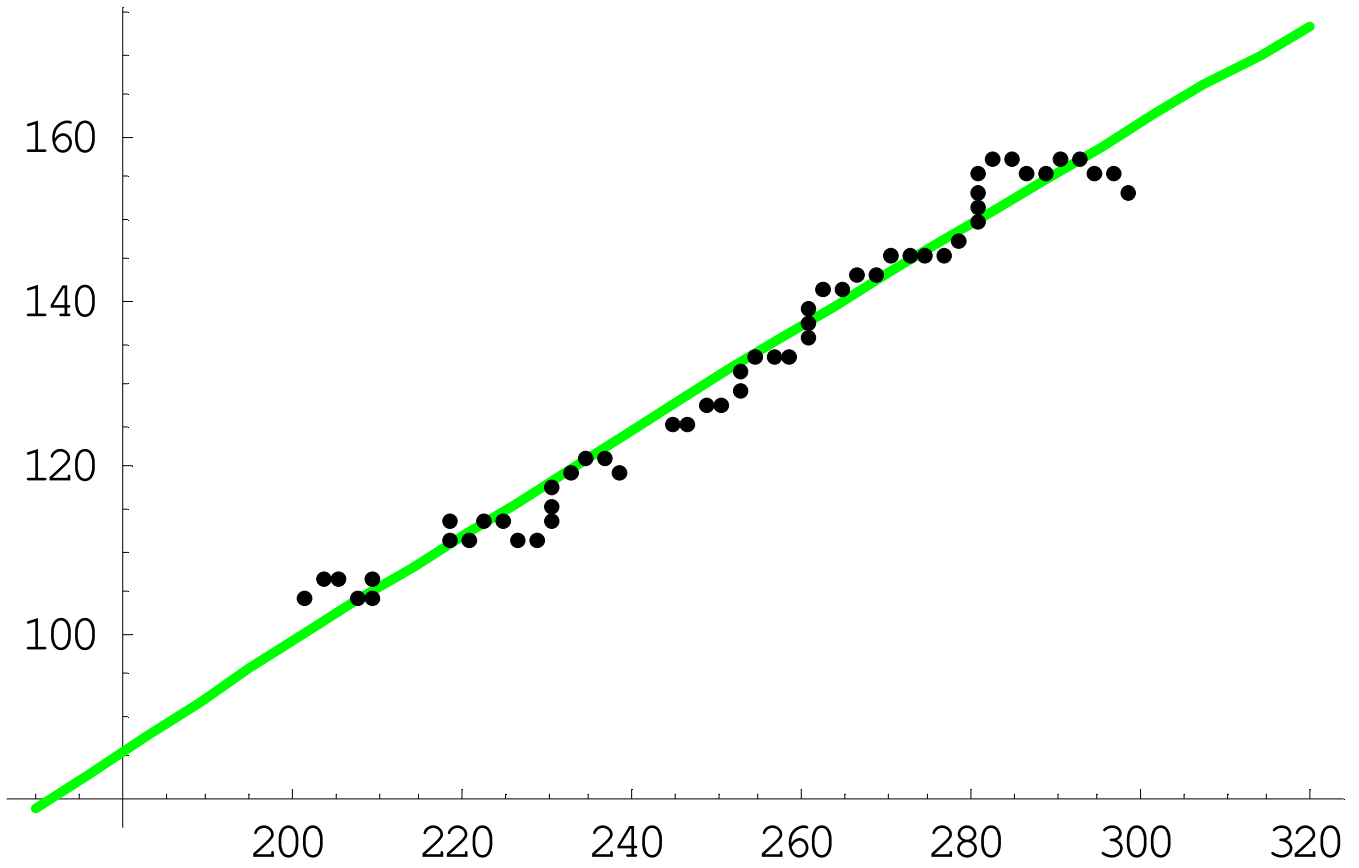
Trail + Contour 1x1



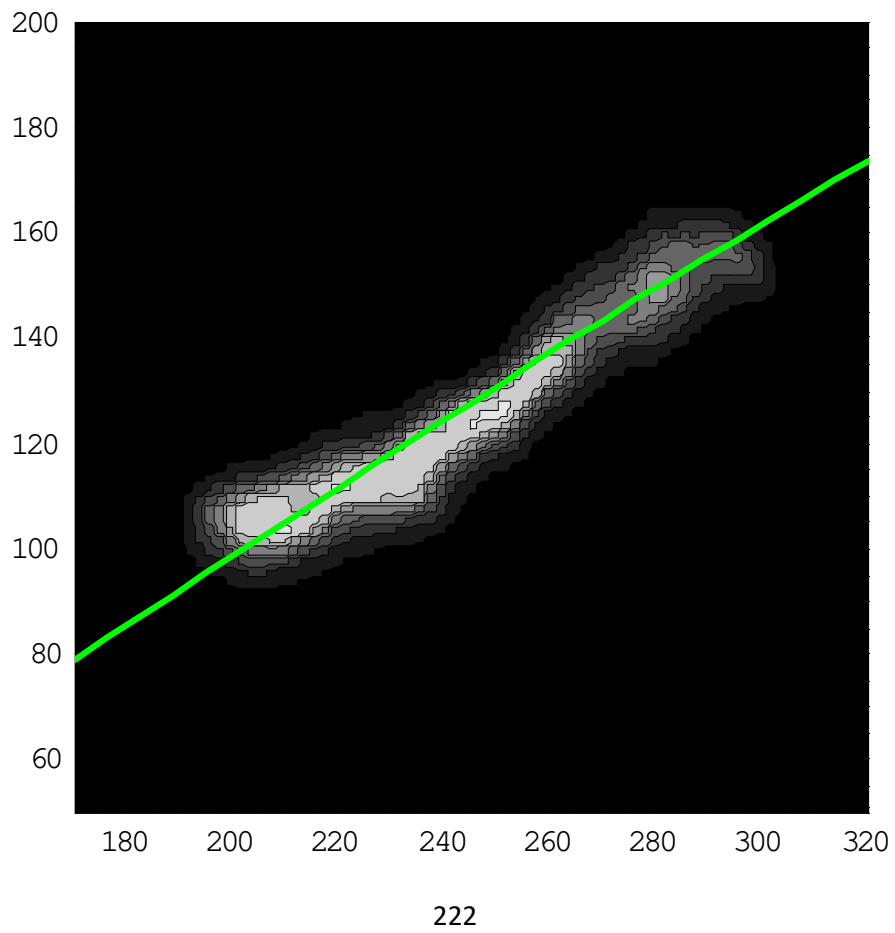
Trail + Contour 2x2



Circle '+' Fit

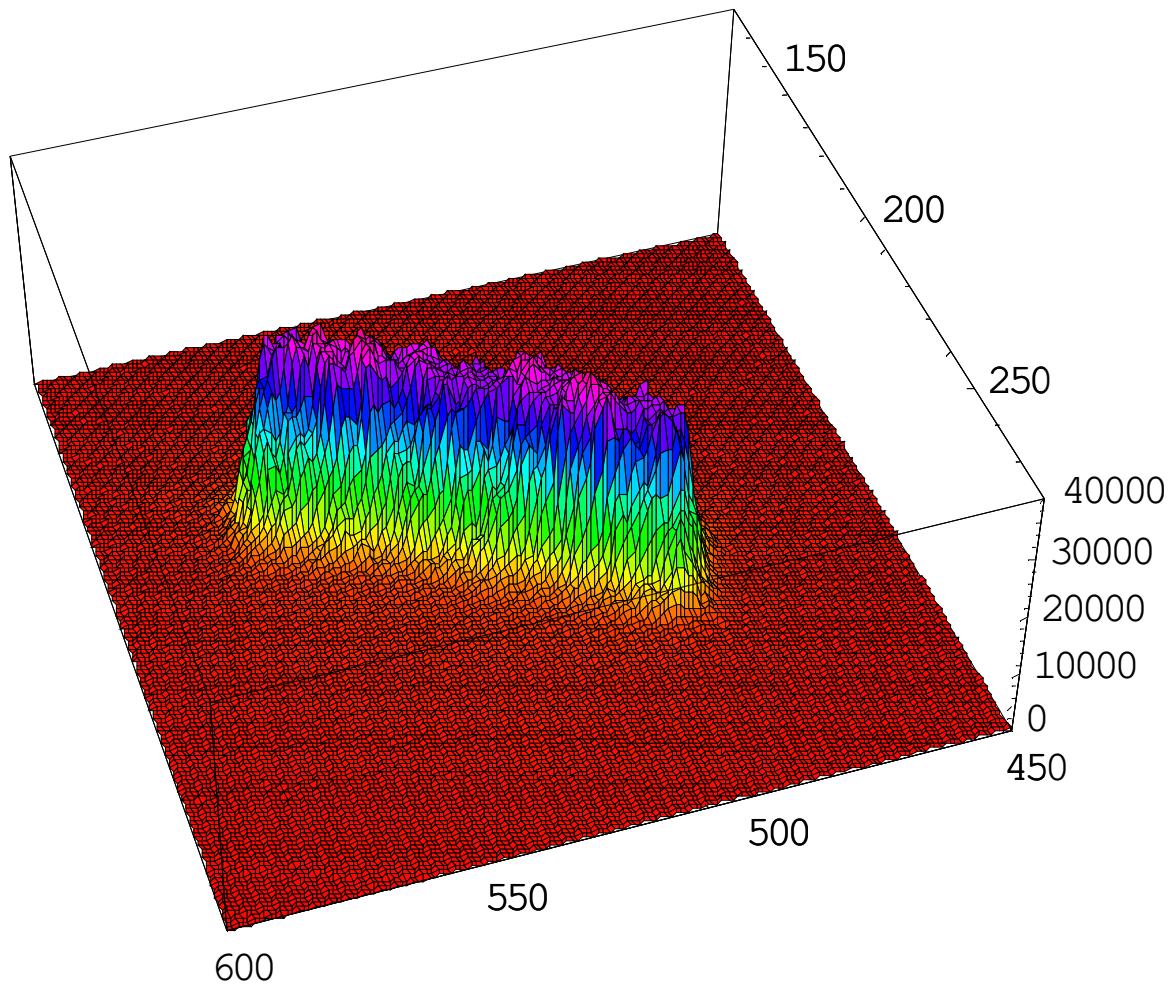


Circle '+' Fit on path

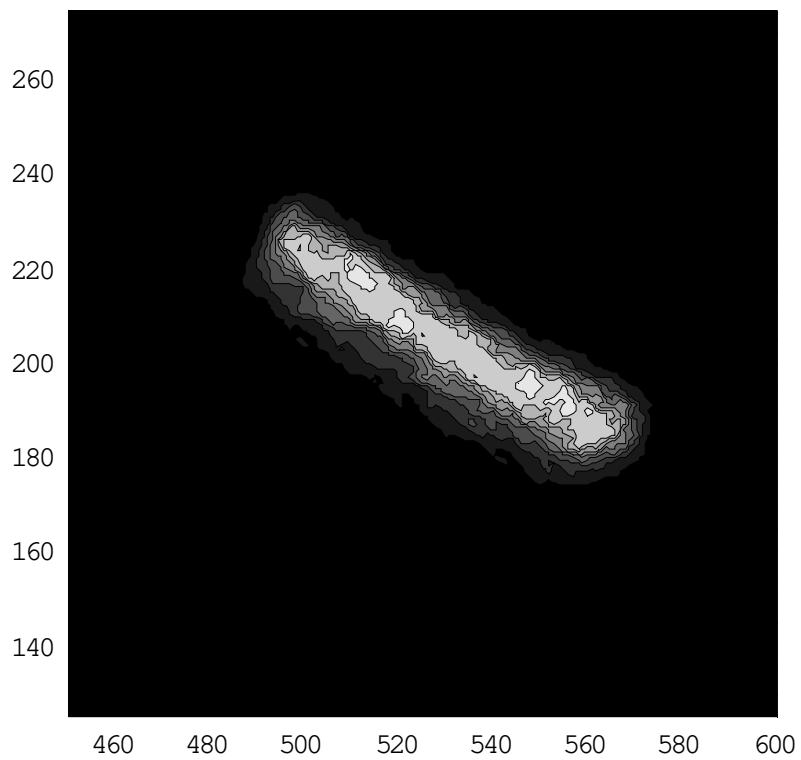


14-11-2008 C1 – LOIRAL

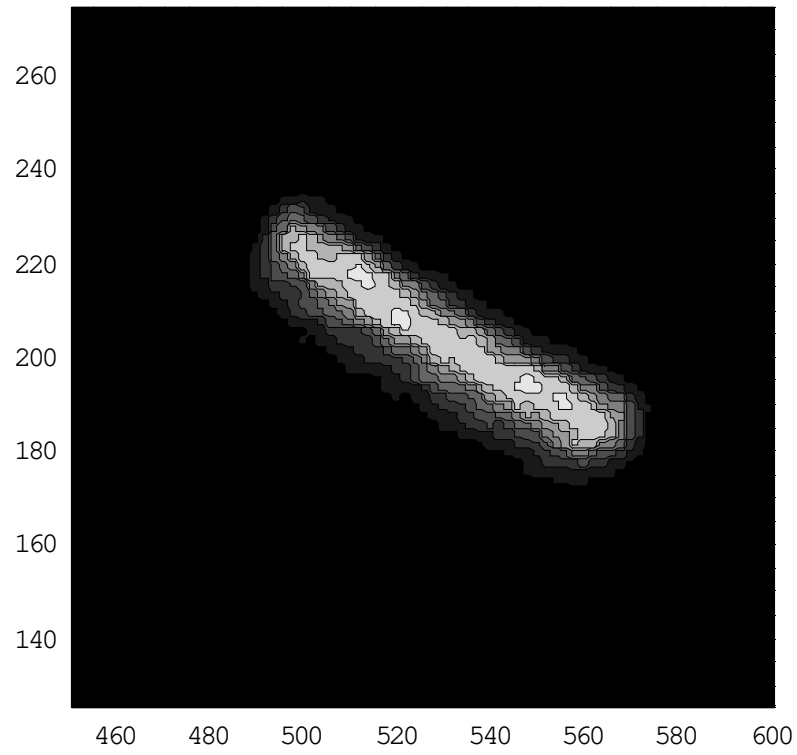
Trail 3D



Contour 1x1



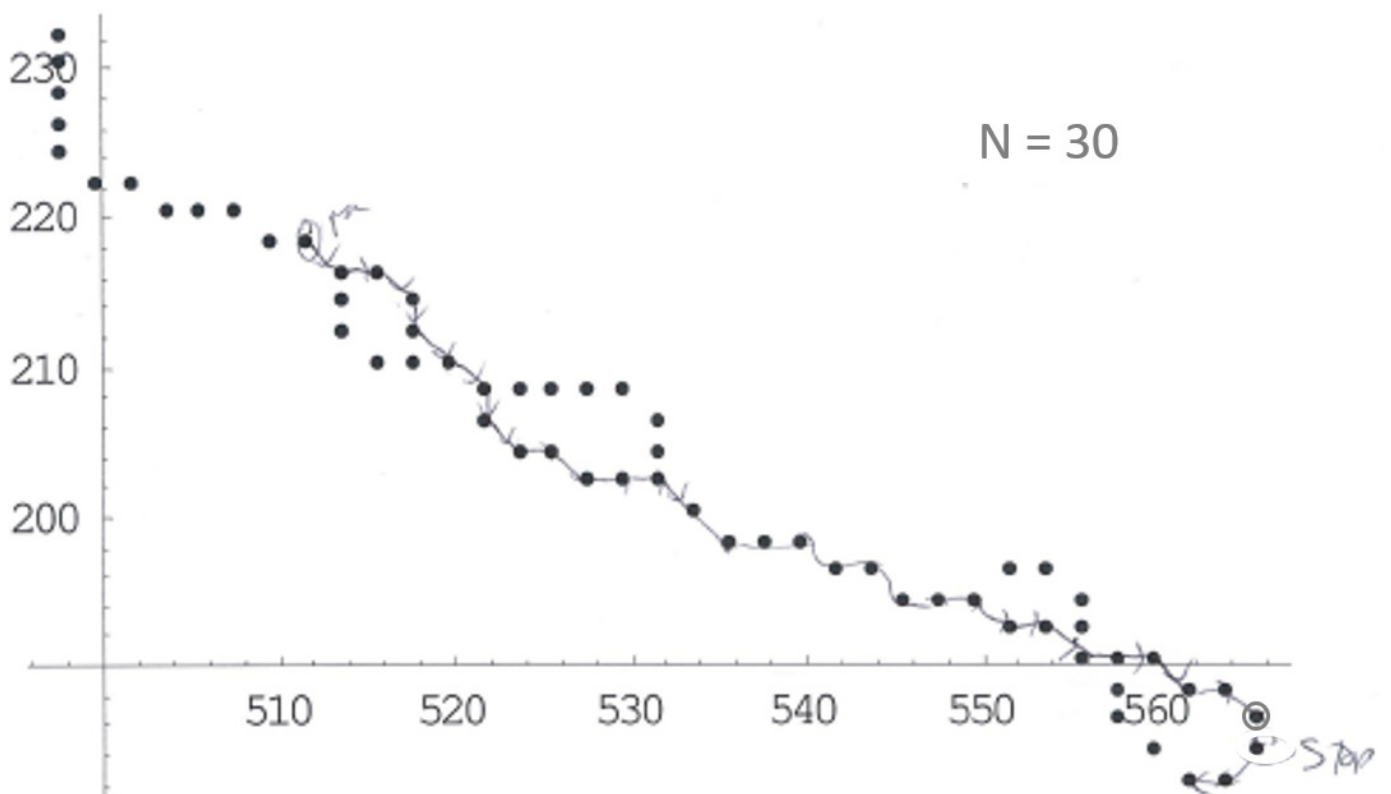
Contour 2x2



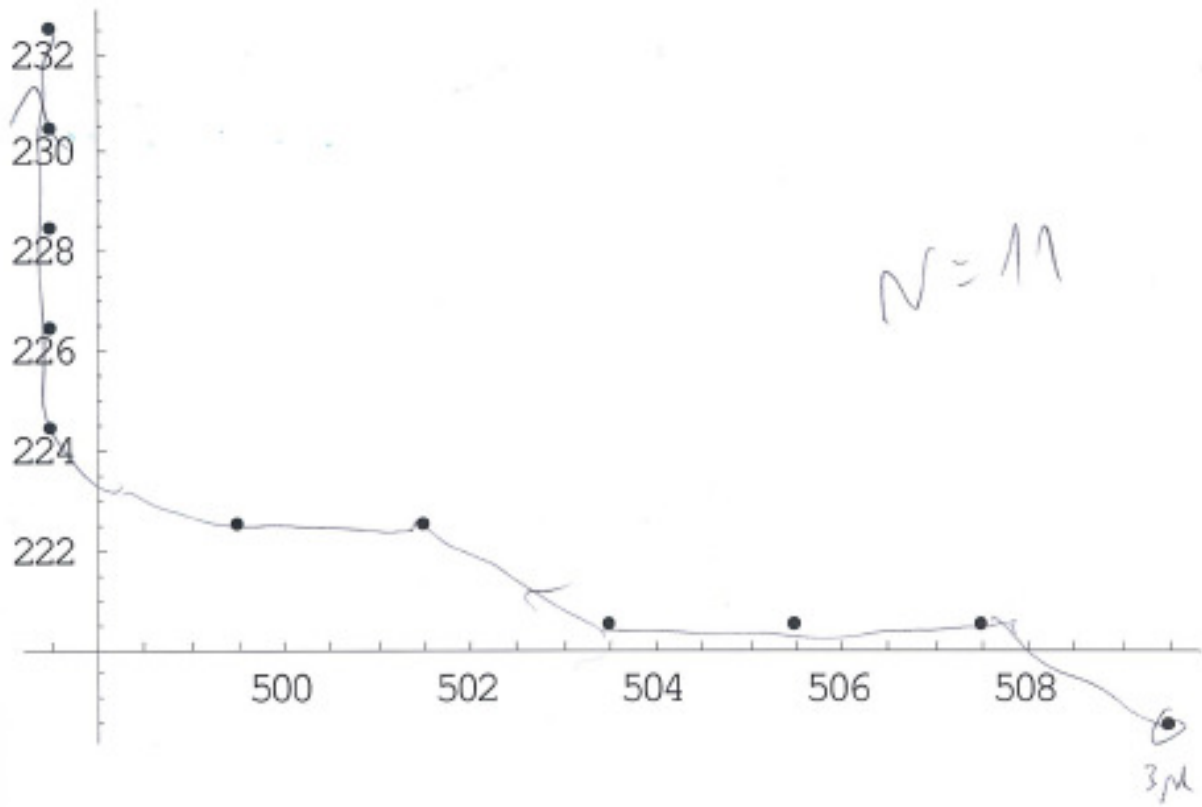
$c+f$ vectors

VECTOR C

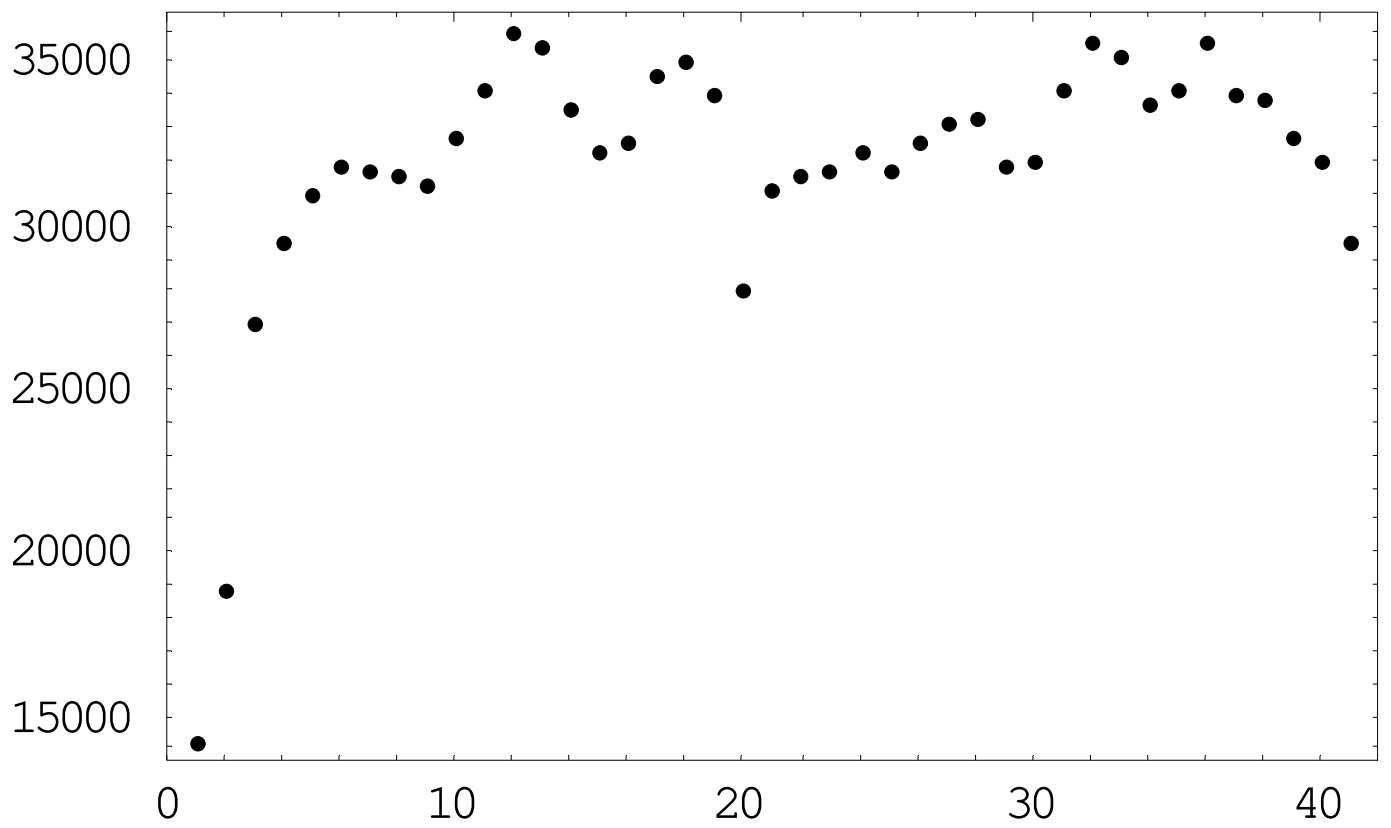
N = 30



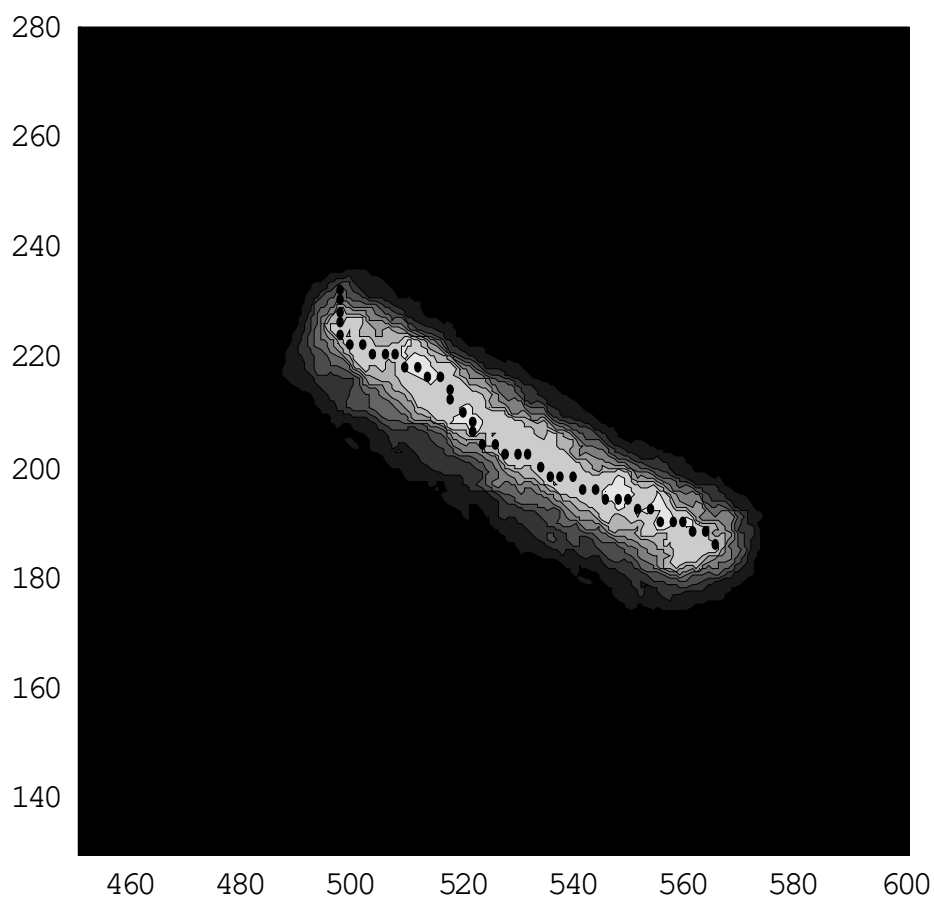
VECTOR F



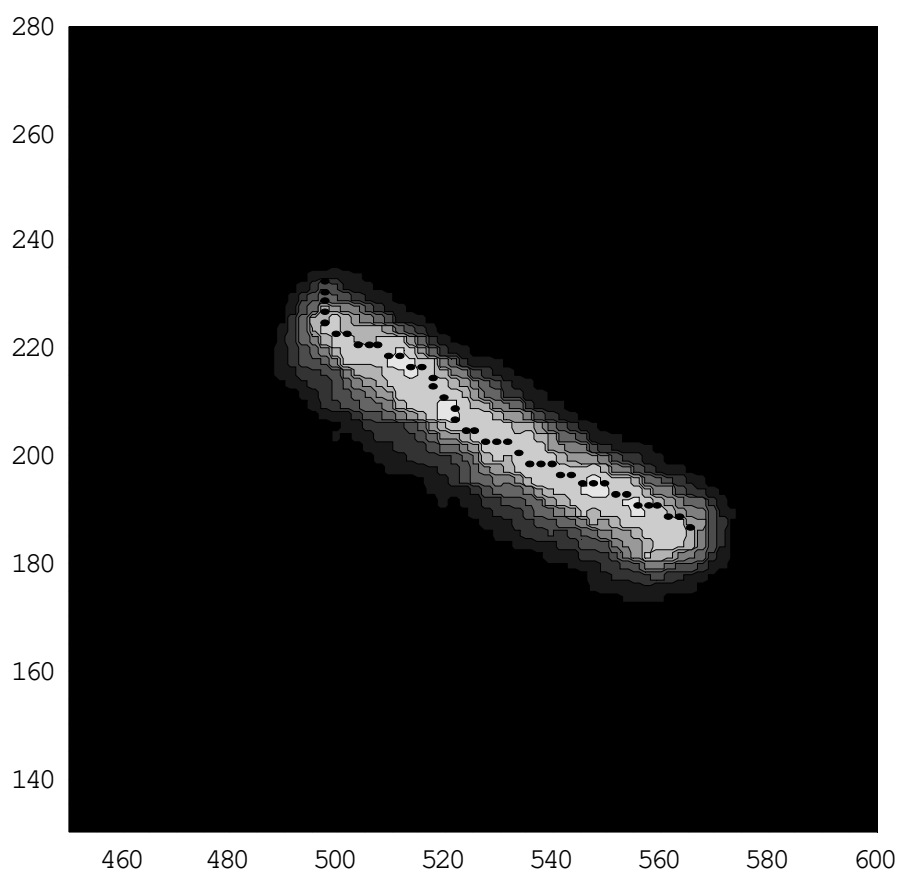
Trail (ADU profile)



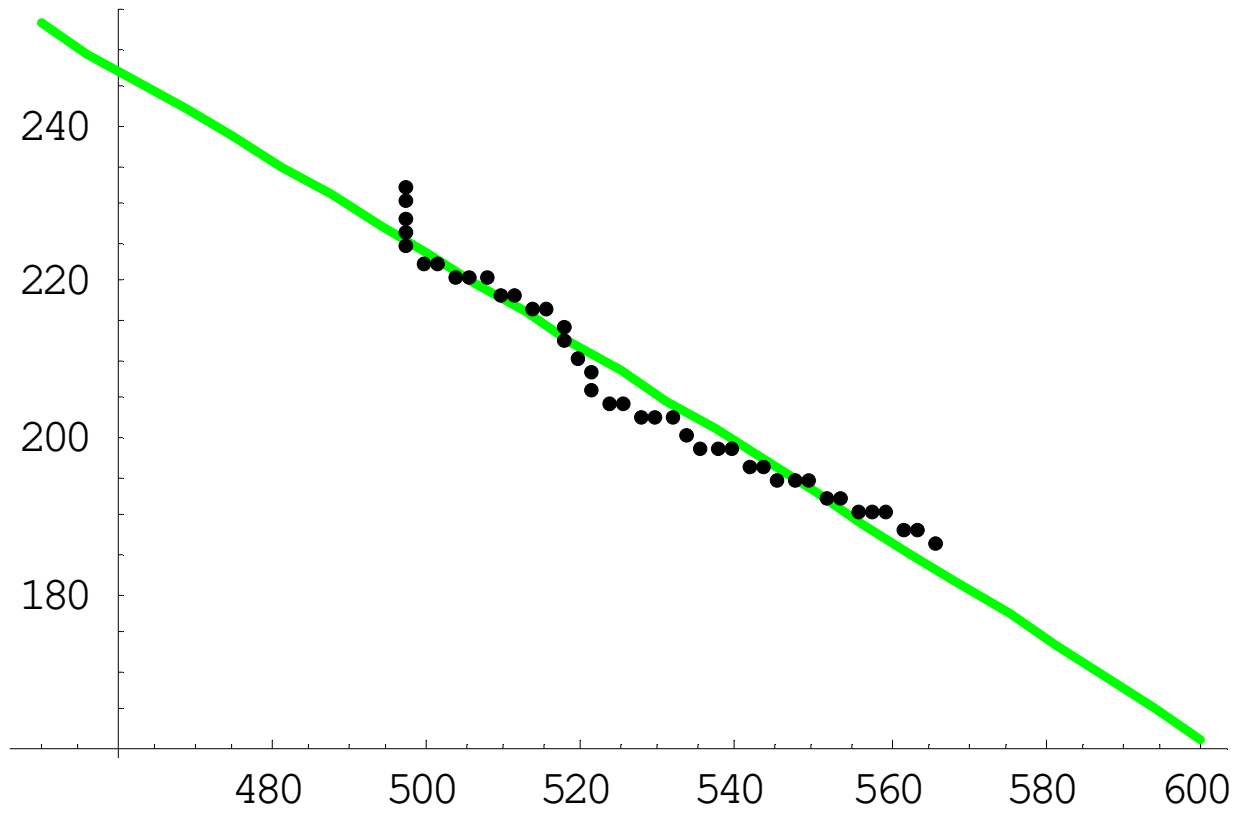
Trail + Contour 1x1



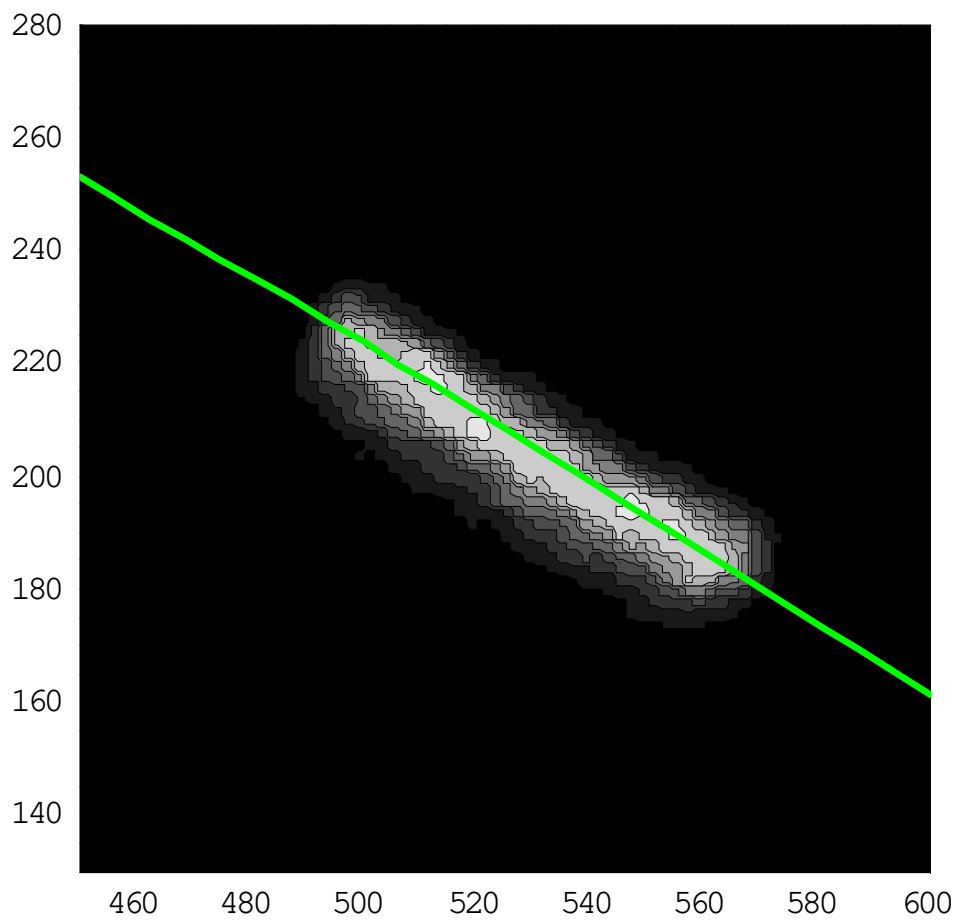
Trail + Contour 2x2



Circle '+' Fit



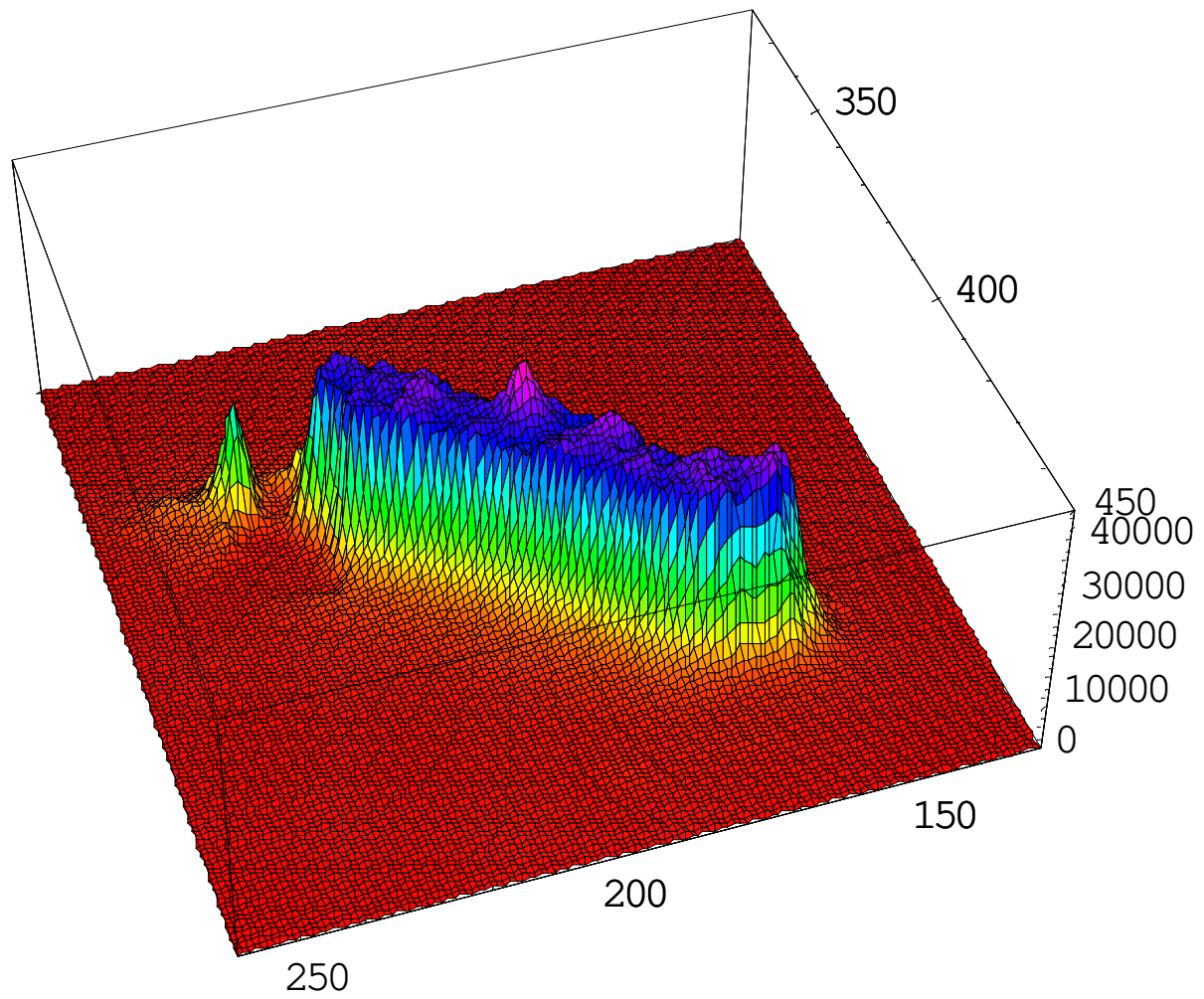
Circle '+' Fit on path



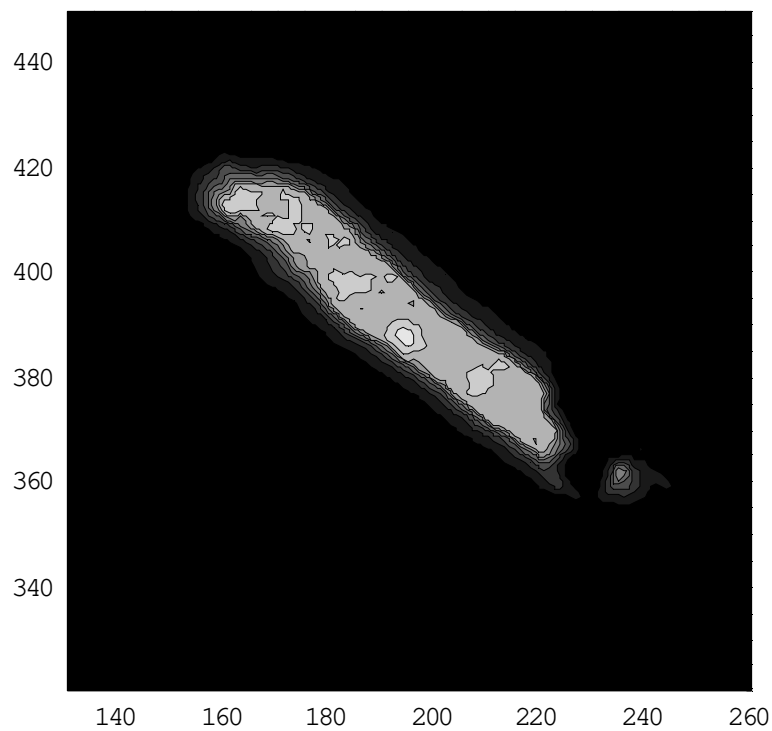
15-11-2008

C2 – PICO RUIVO DO PAUL

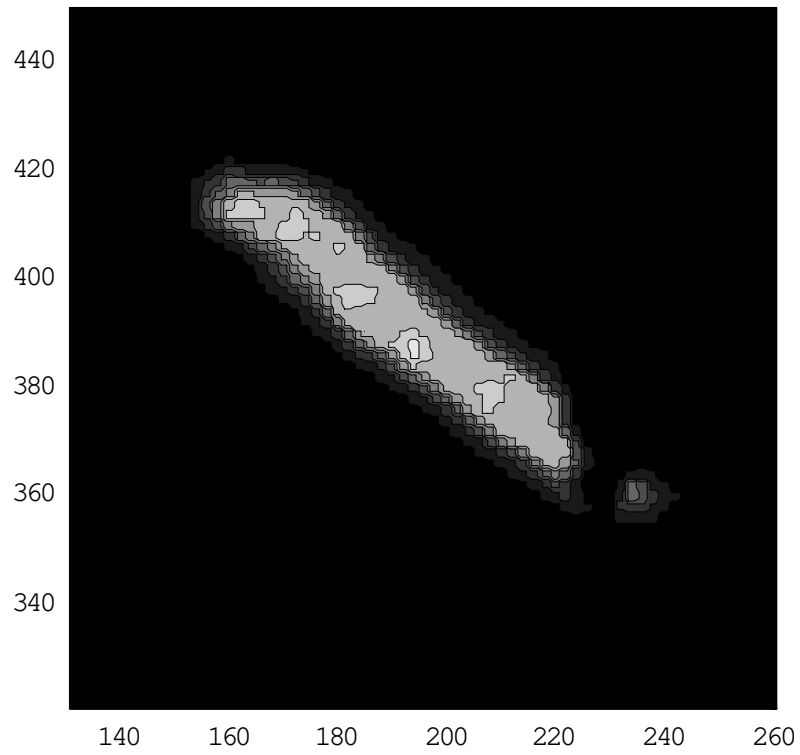
Trail 3D



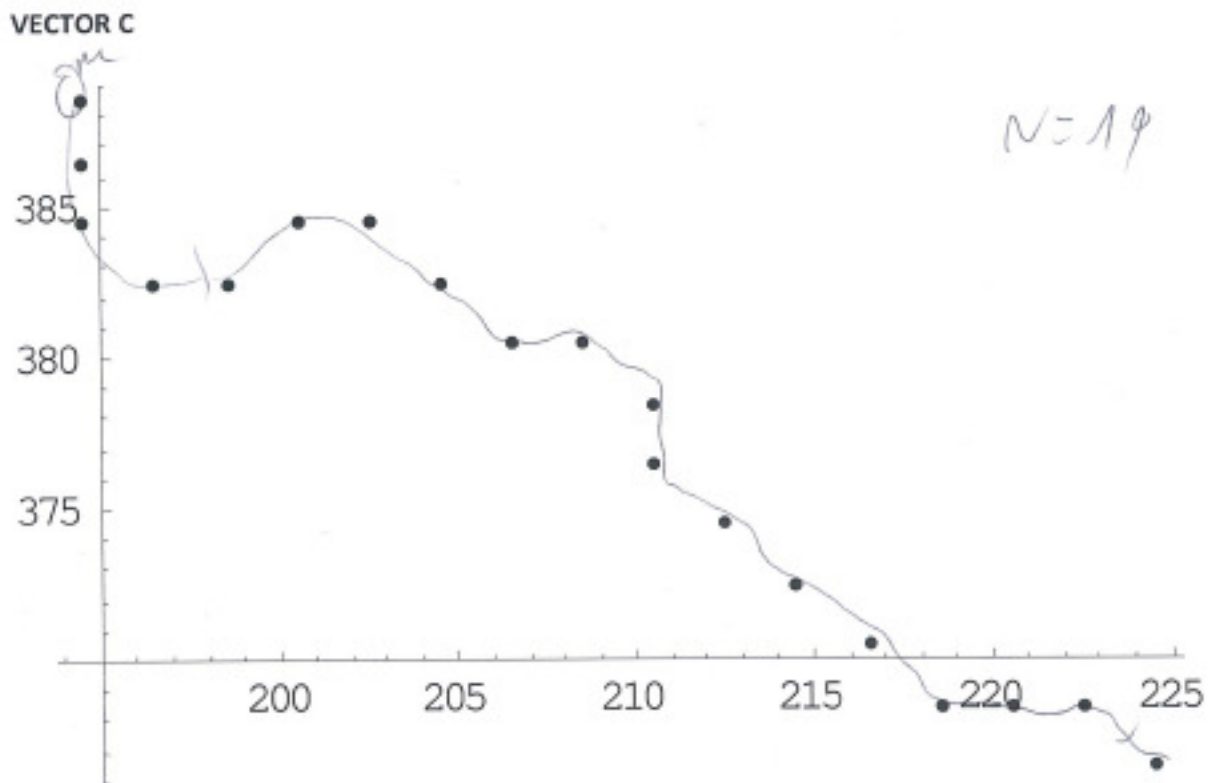
Contour 1x1

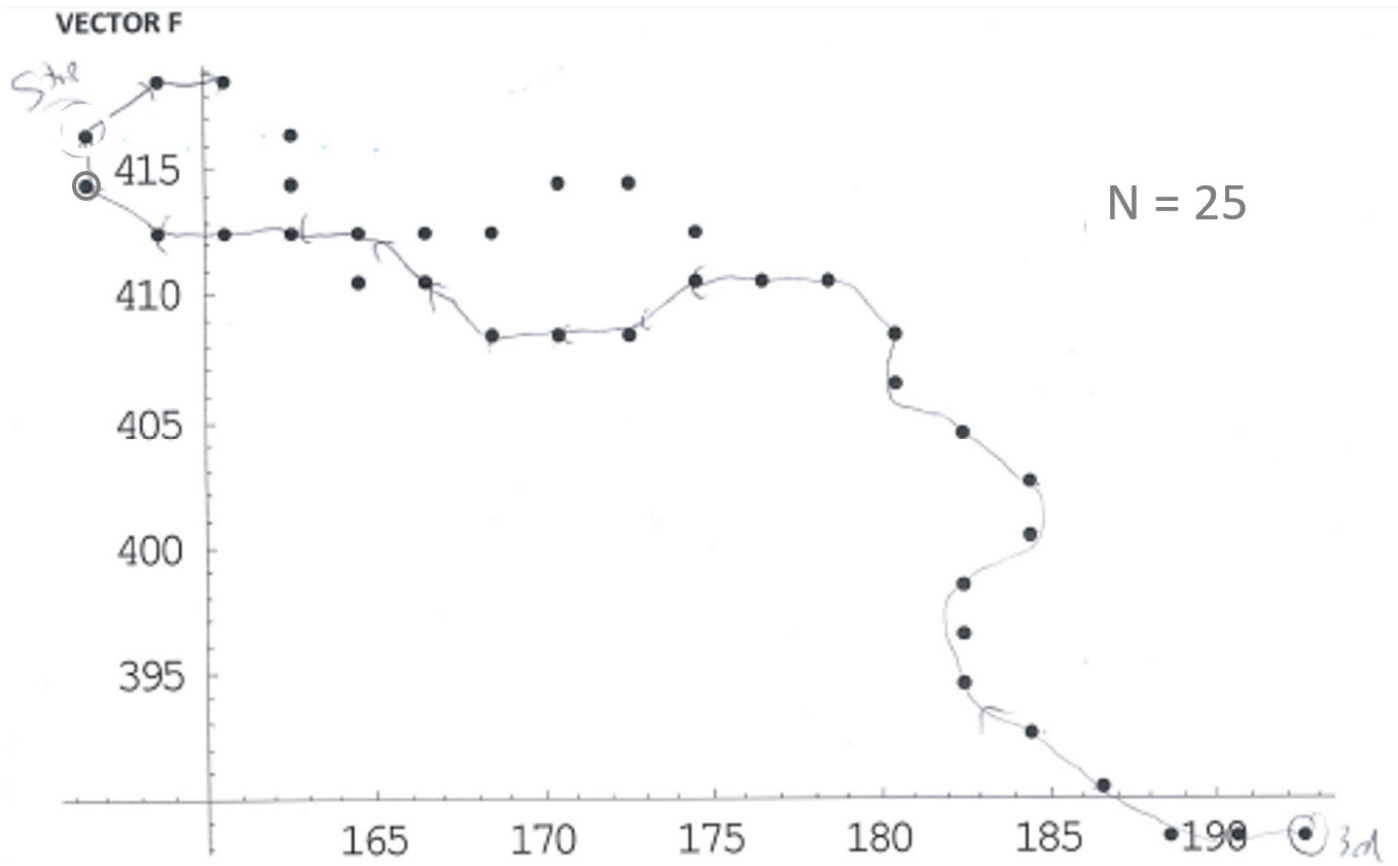


Contour 2x2

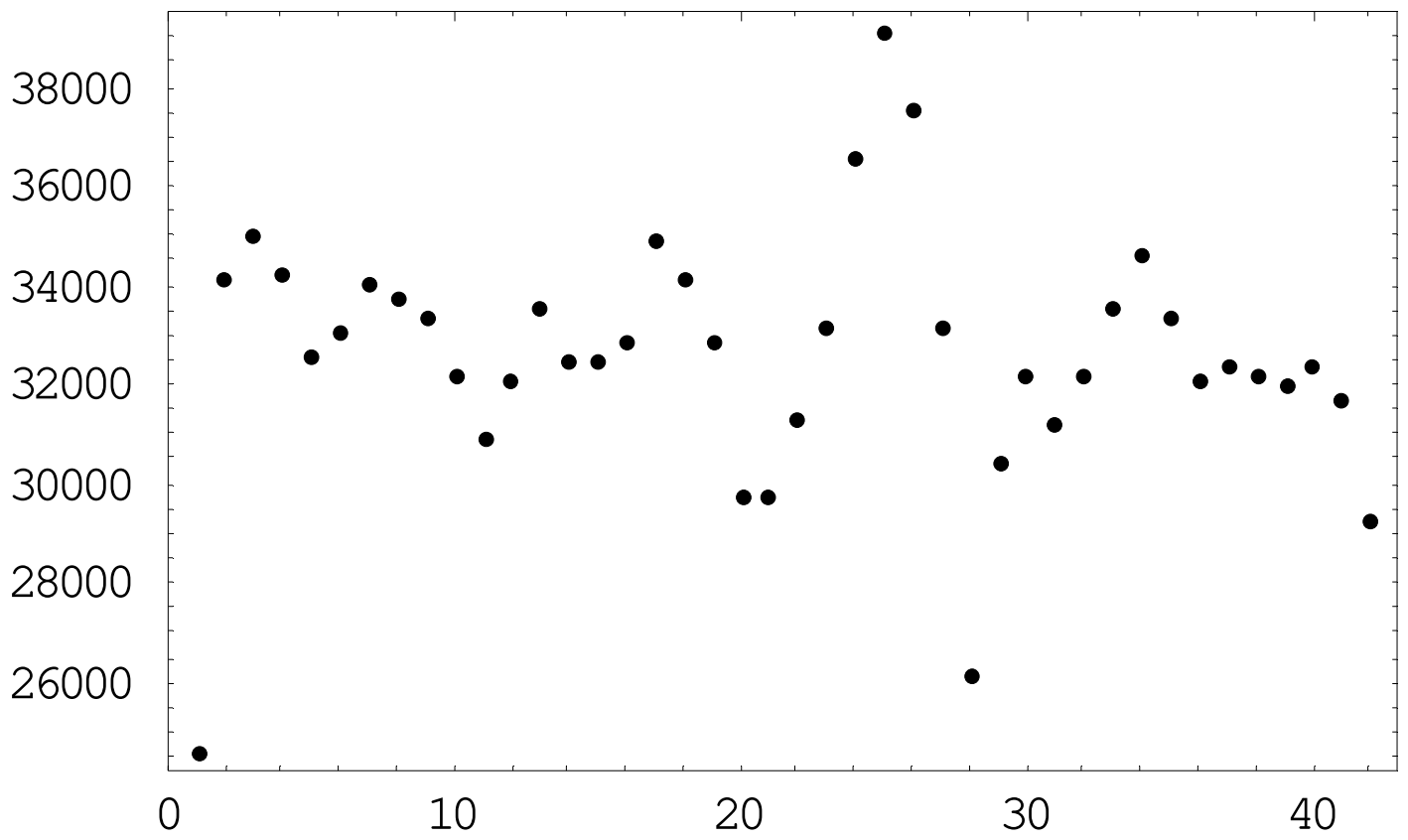


$c+f$ vectors

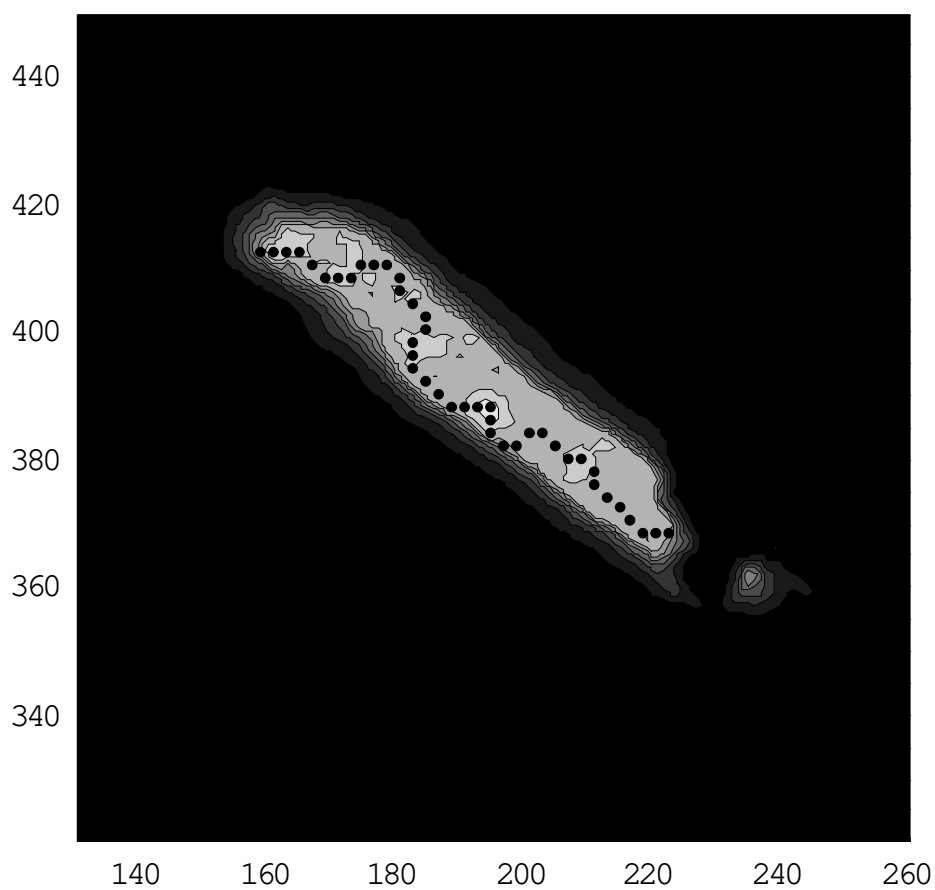




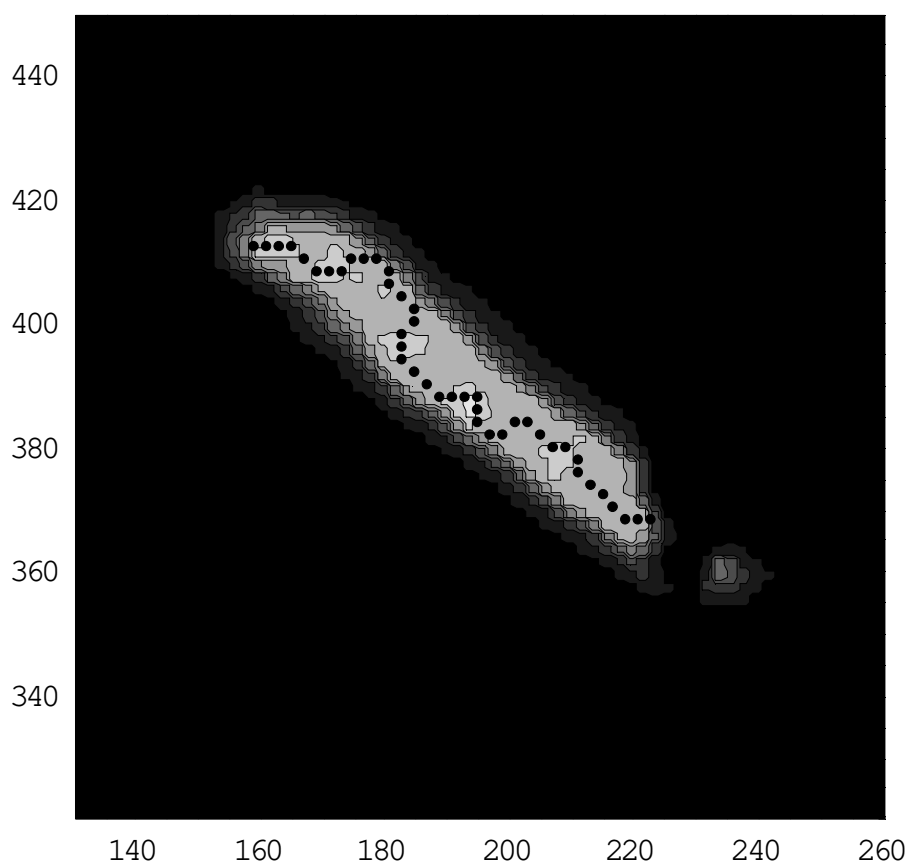
Trail (ADU profile)



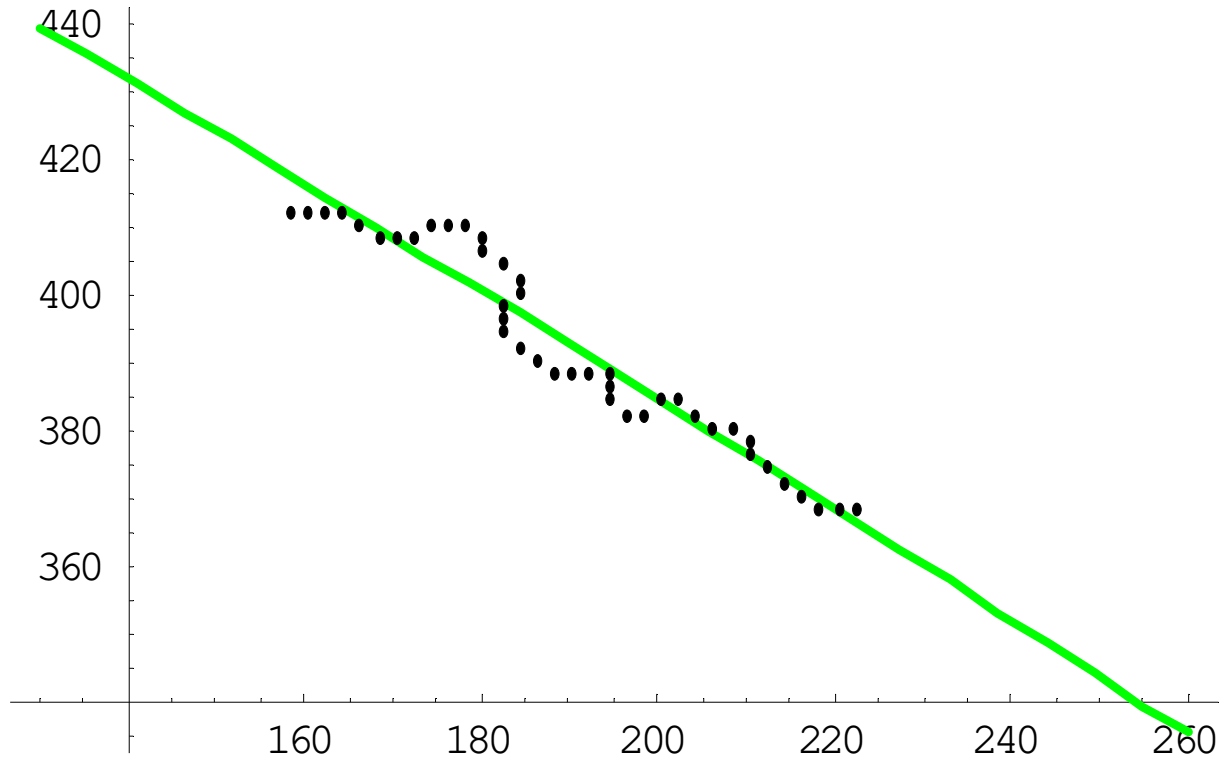
Trail + Contour 1x1



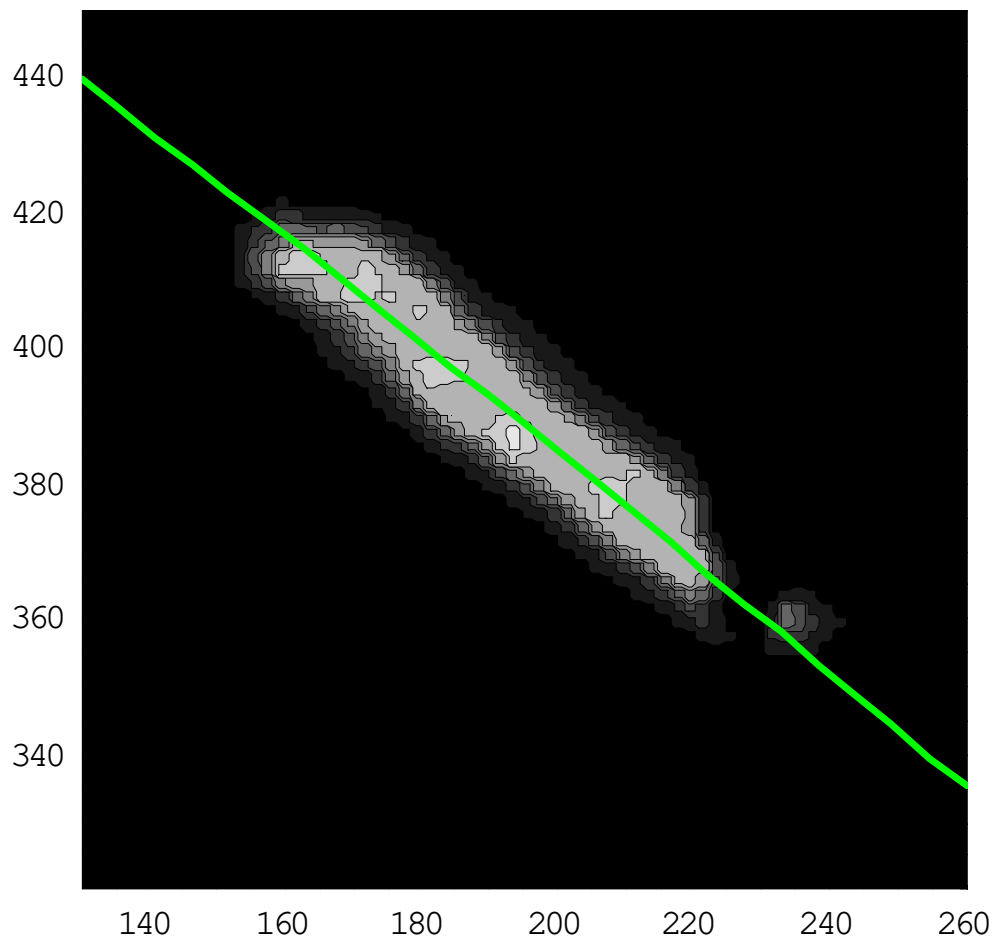
Trail + Contour 2x2



Circle '+' Fit



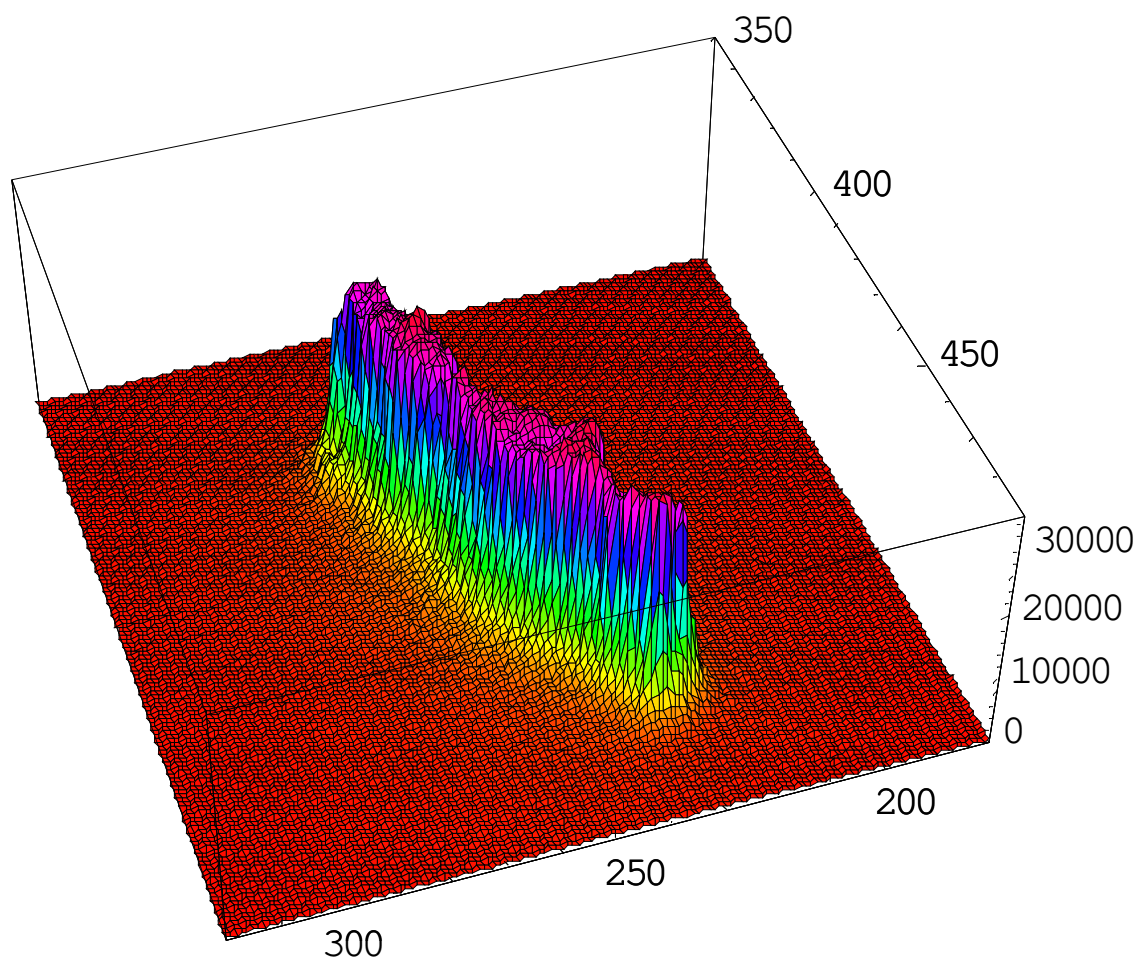
Circle '+' Fit on path



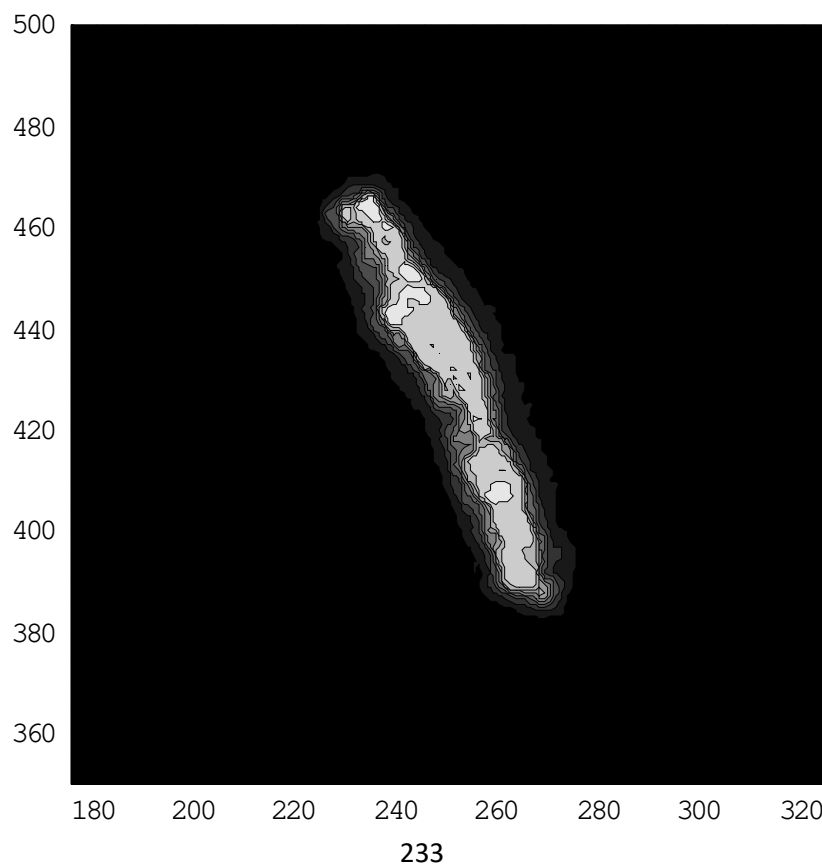
15-11-2008

C3 – BICA DA CANA

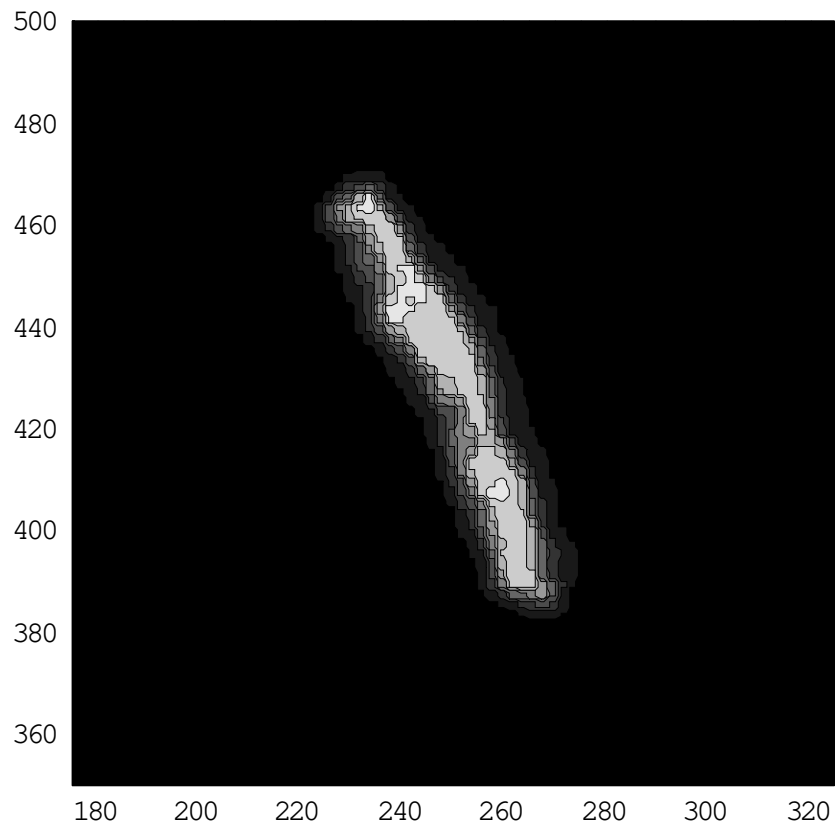
Trail 3D



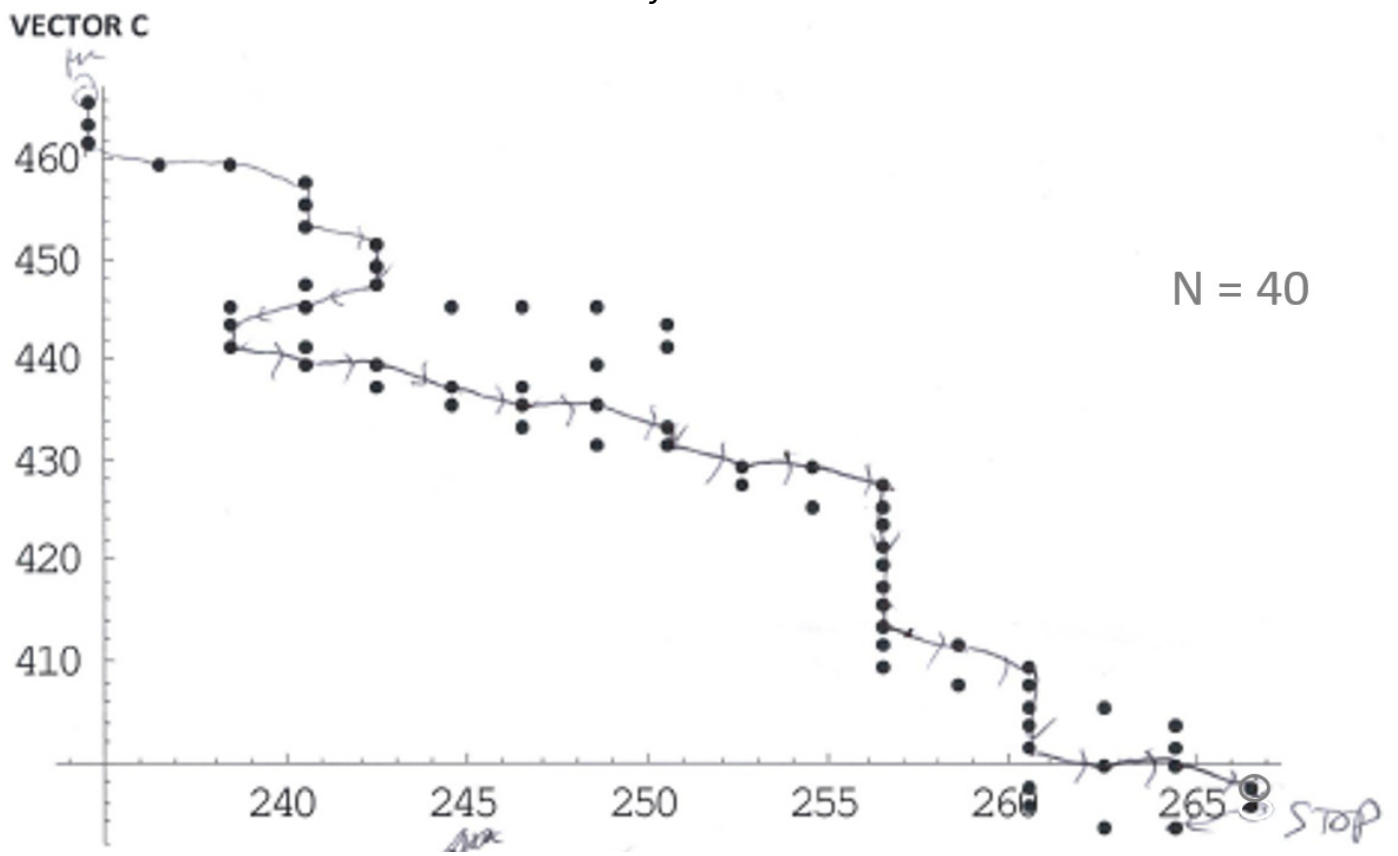
Contour 1x1

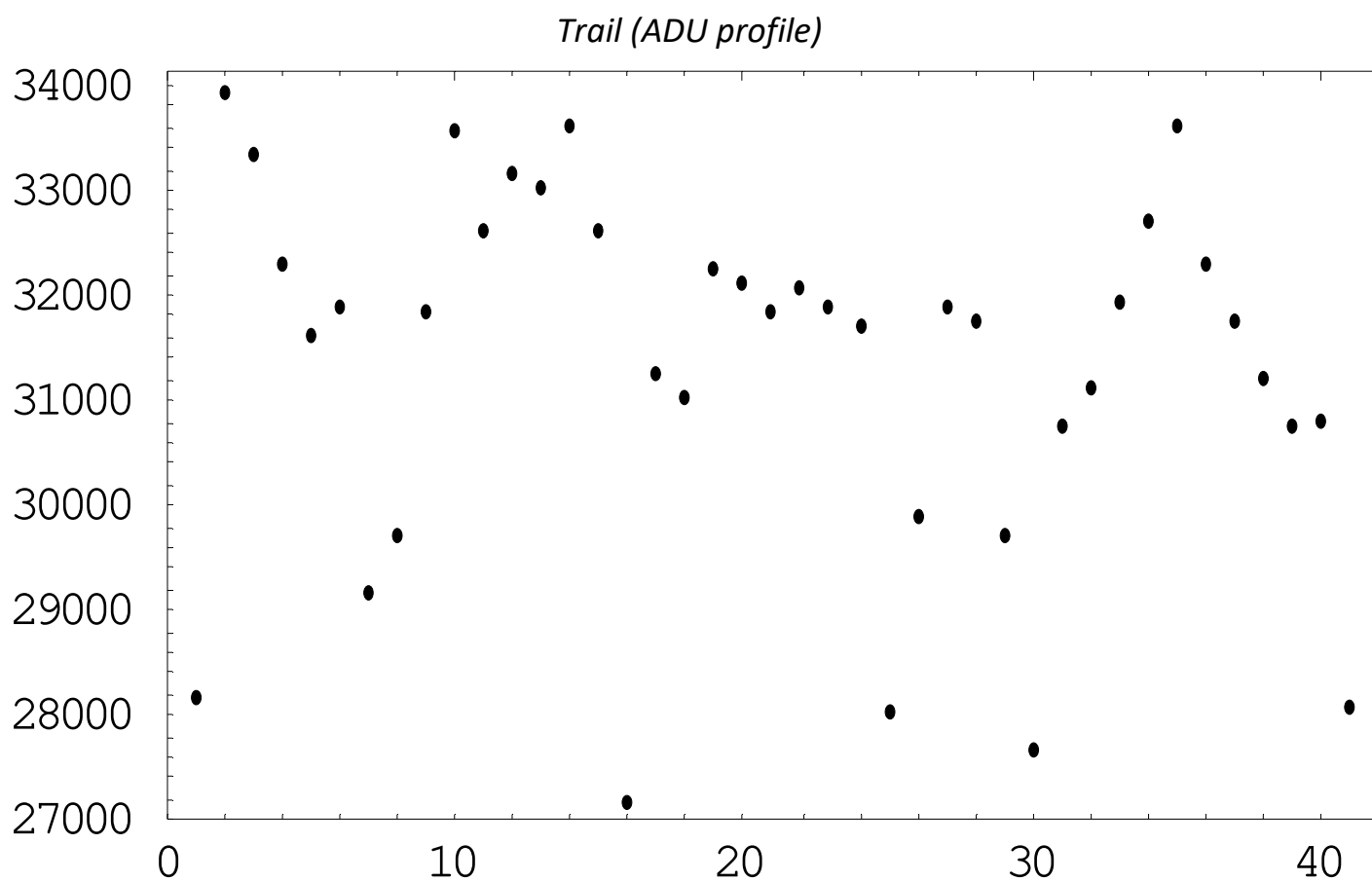
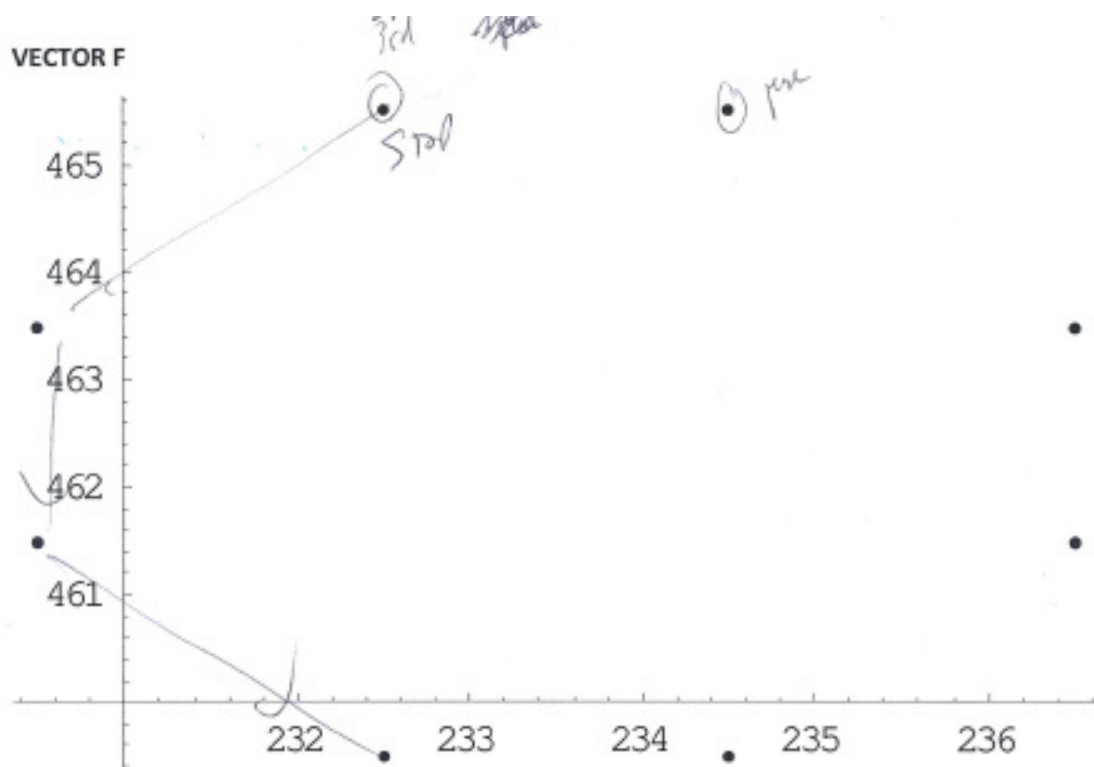


Contour 2x2

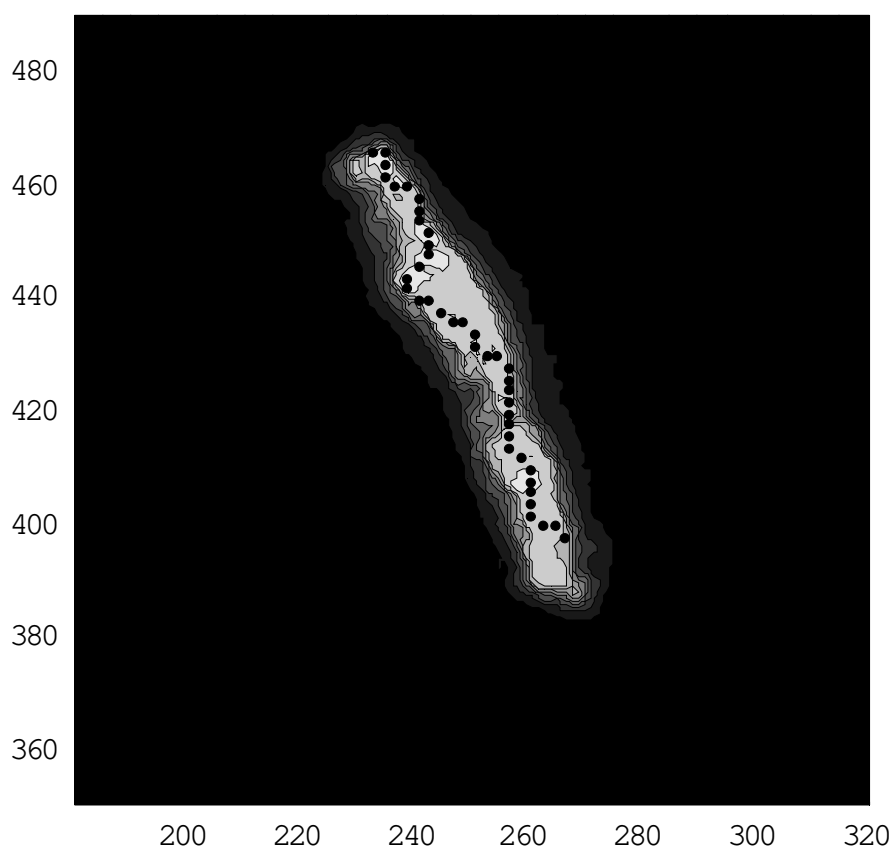


$c+f$ vectors

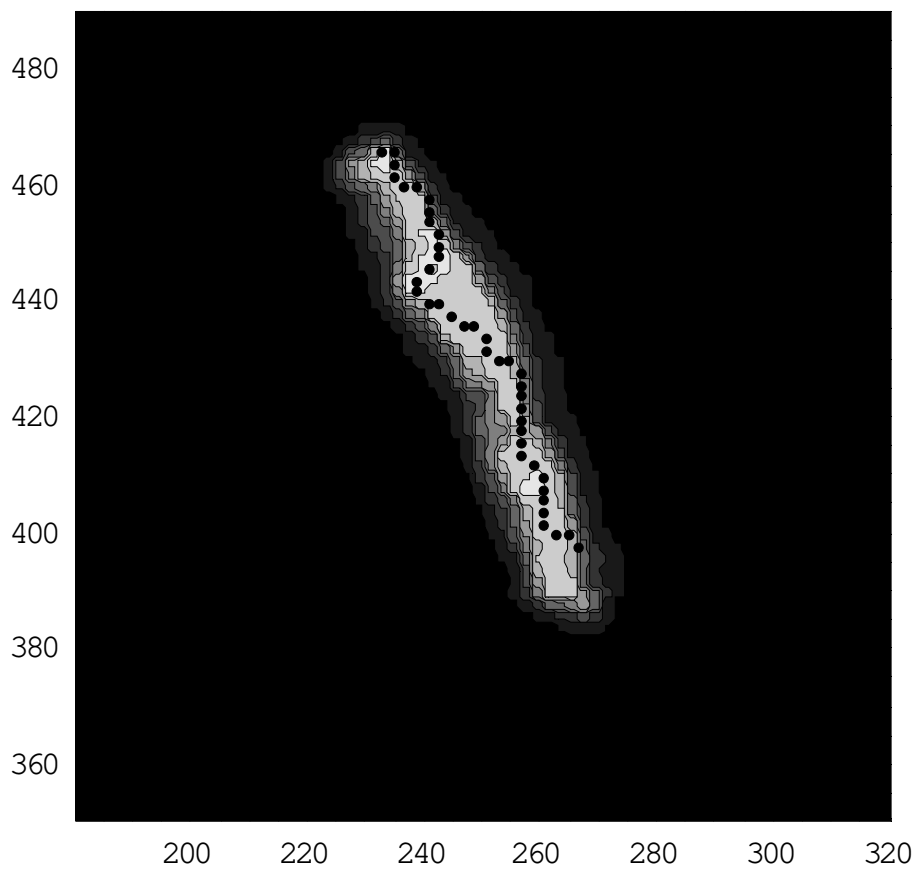




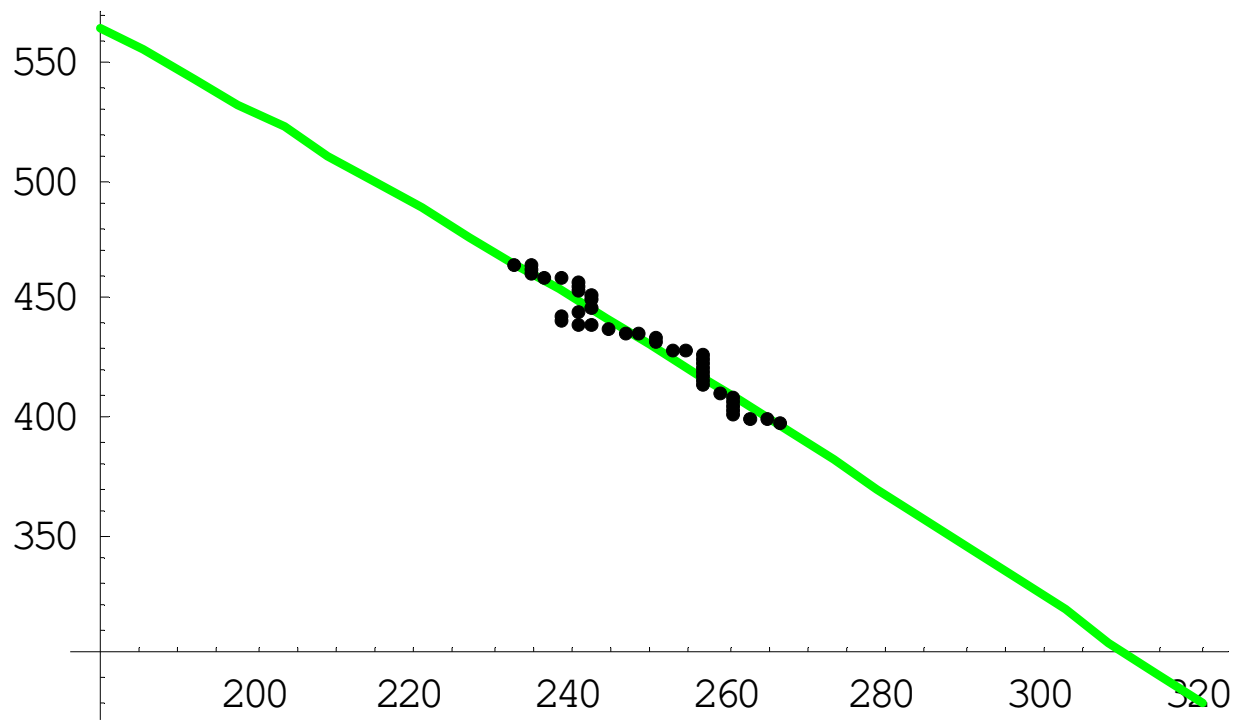
Trail + Contour 1x1



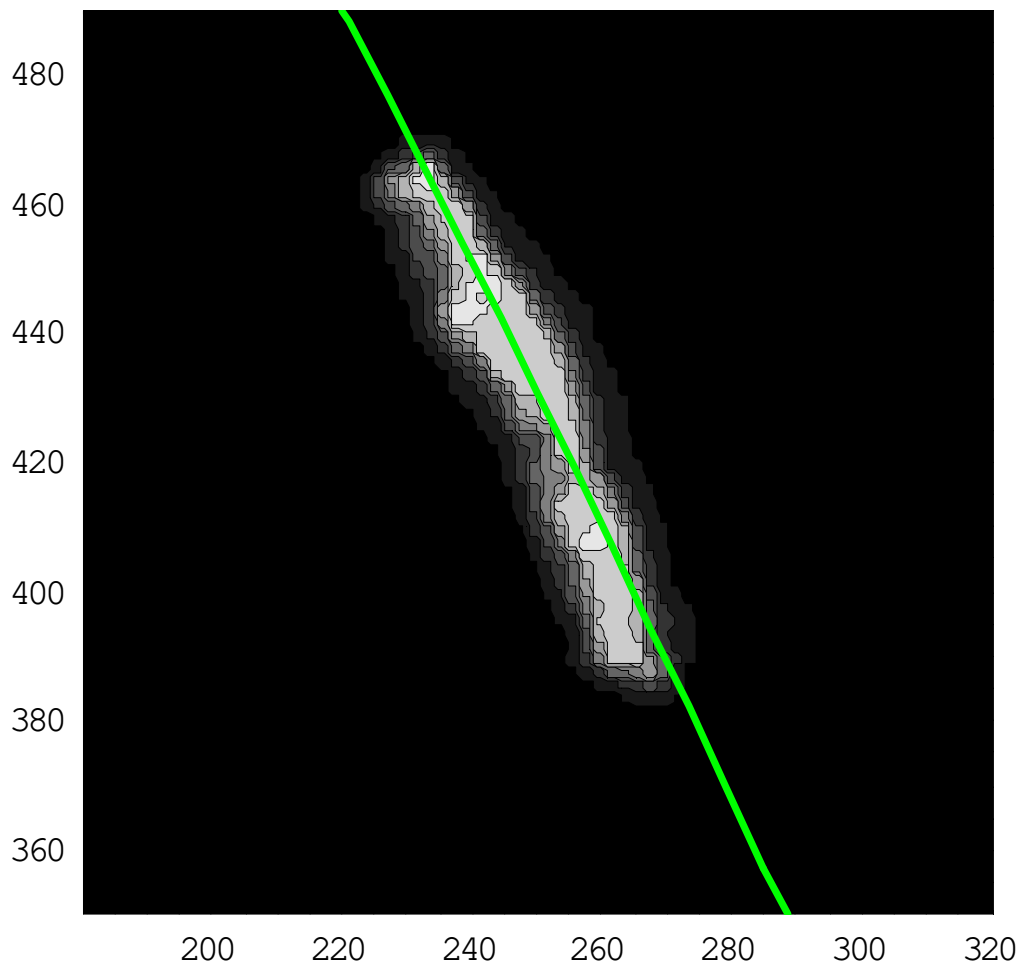
Trail + Contour 2x2



Circle '+' Fit



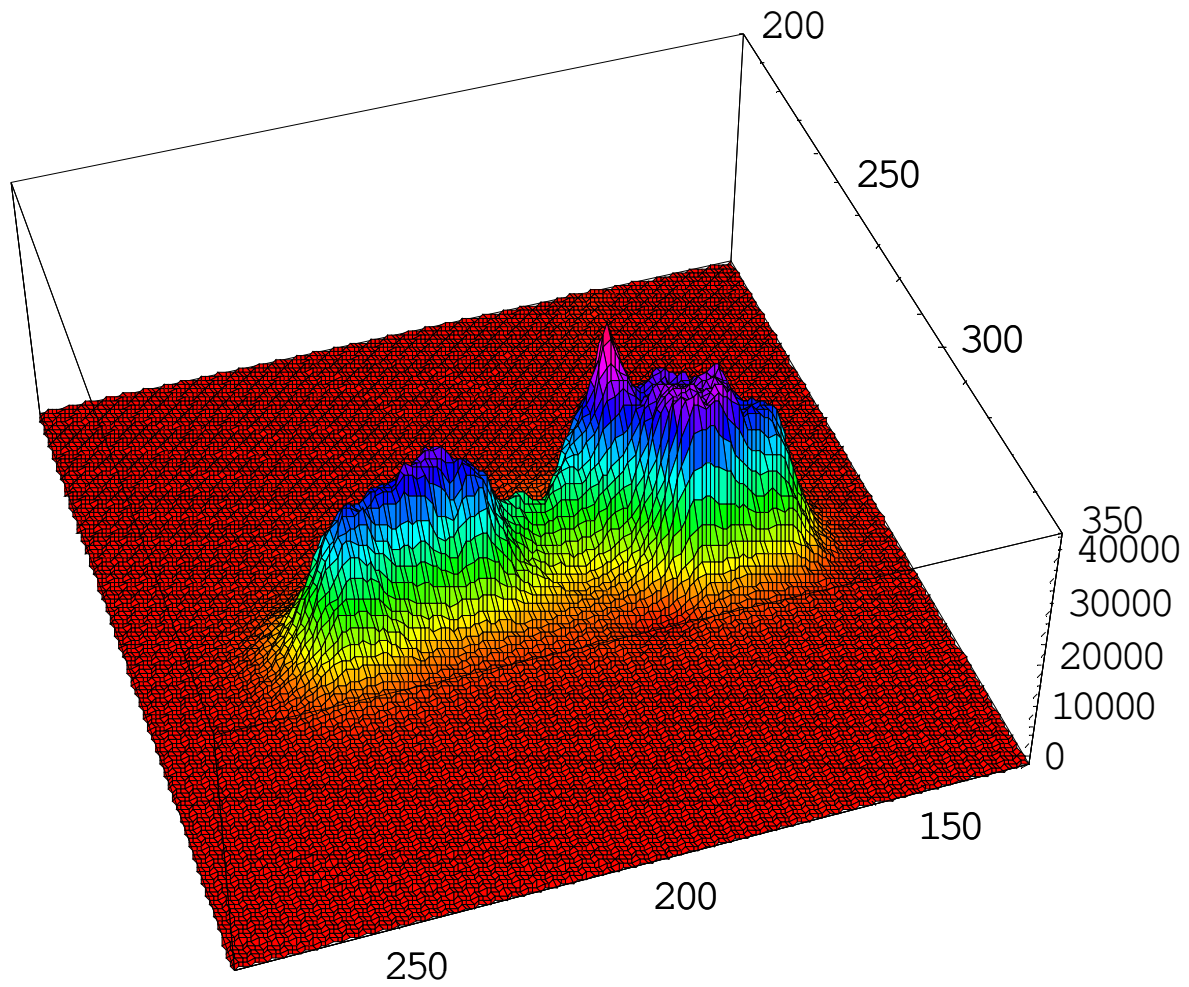
Circle '+' Fit on path



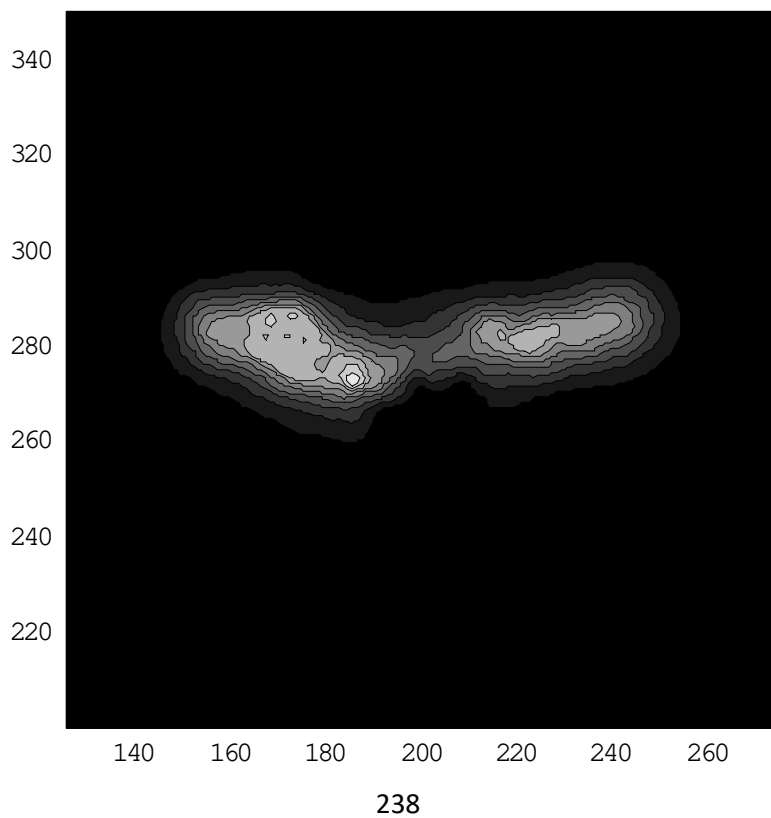
28-11-2008

A1 – JUNCAL (with “lobe work”)

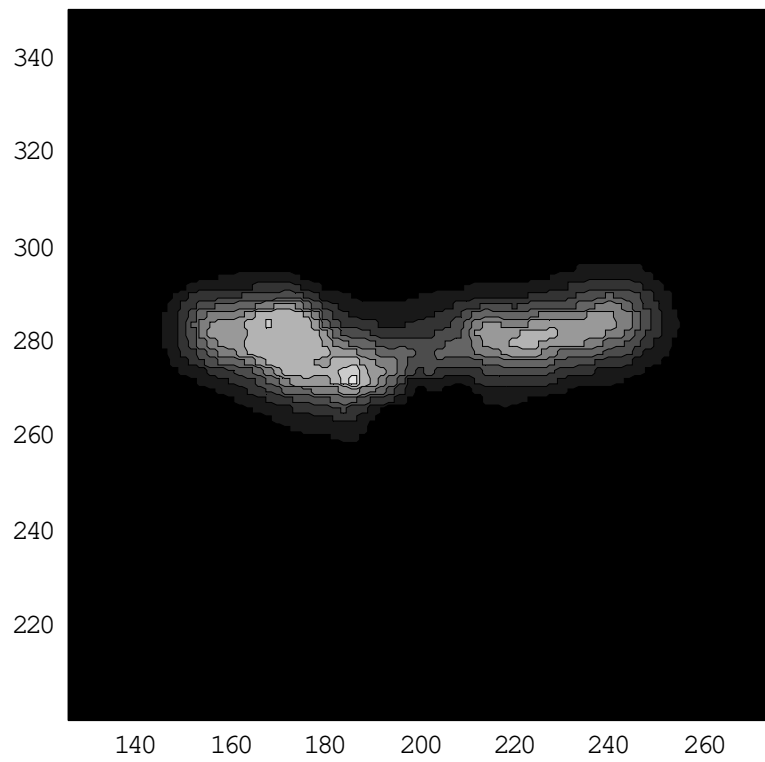
Trail 3D



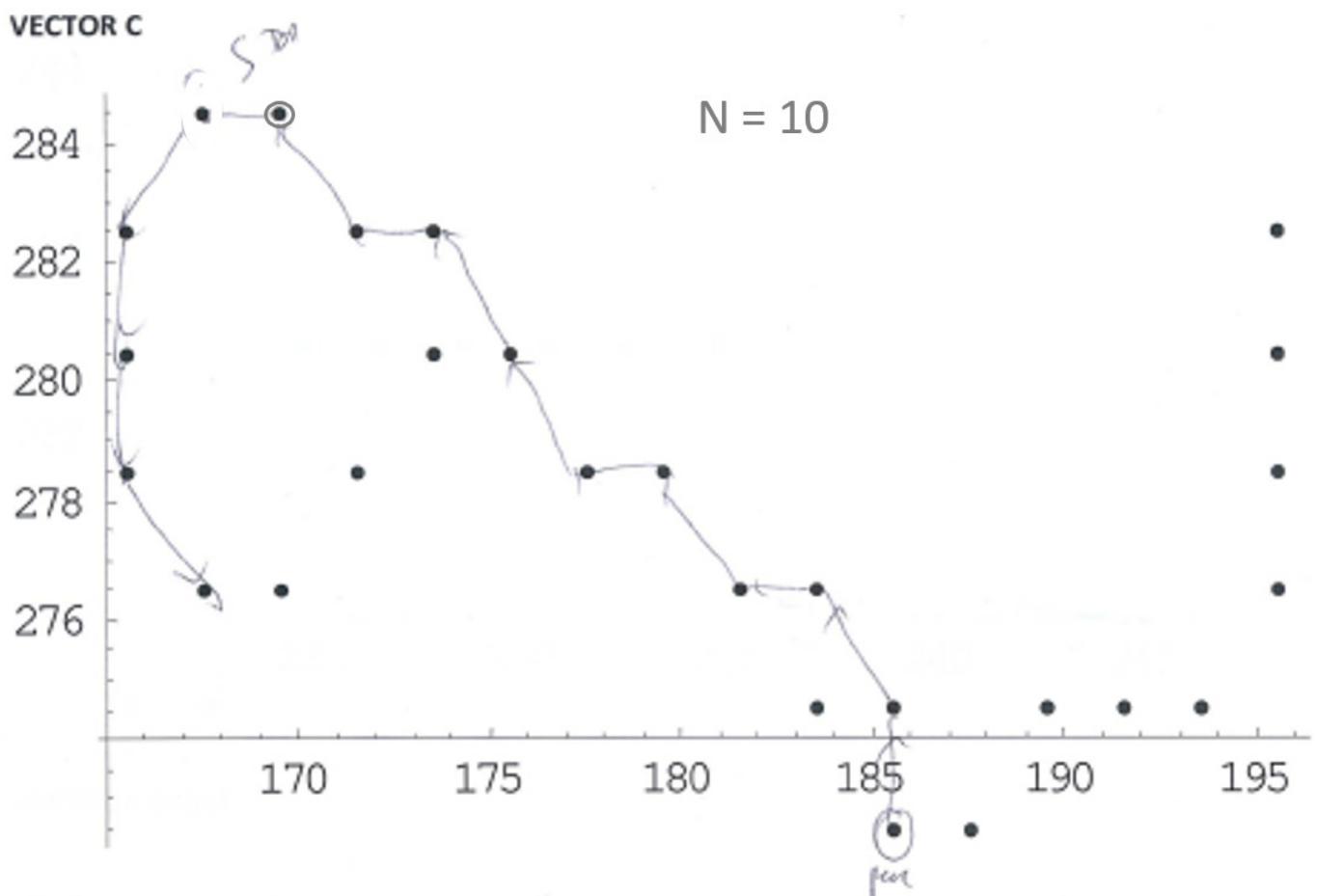
Contour 1x1



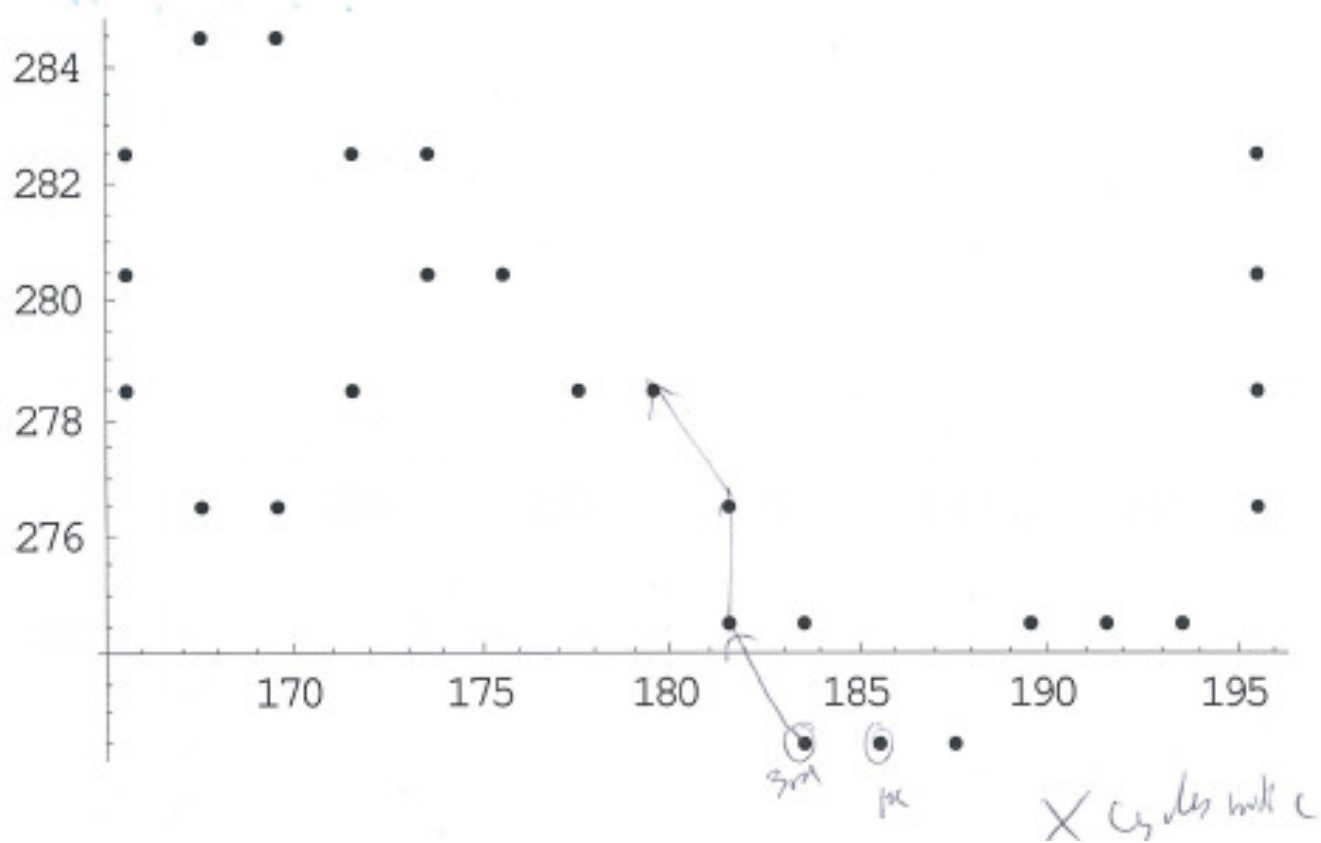
Contour 2x2



c+f vectors (main)

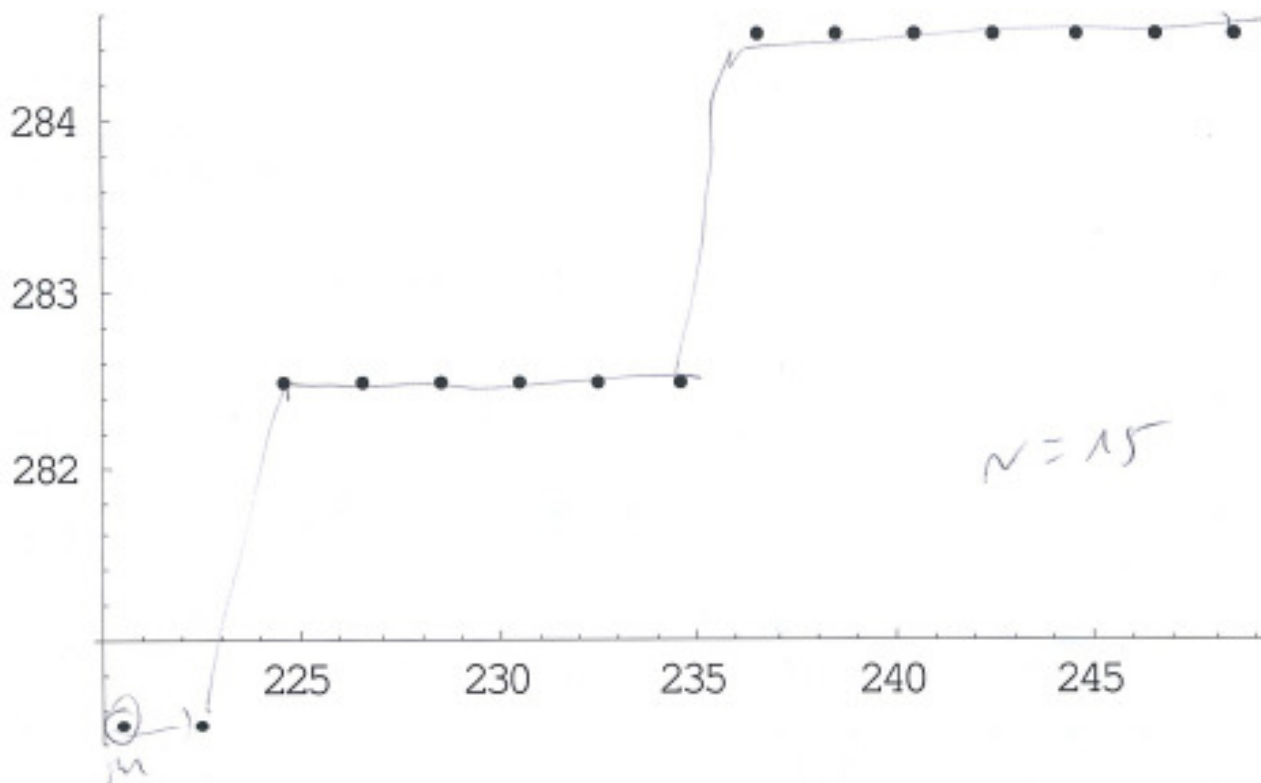


VECTOR F

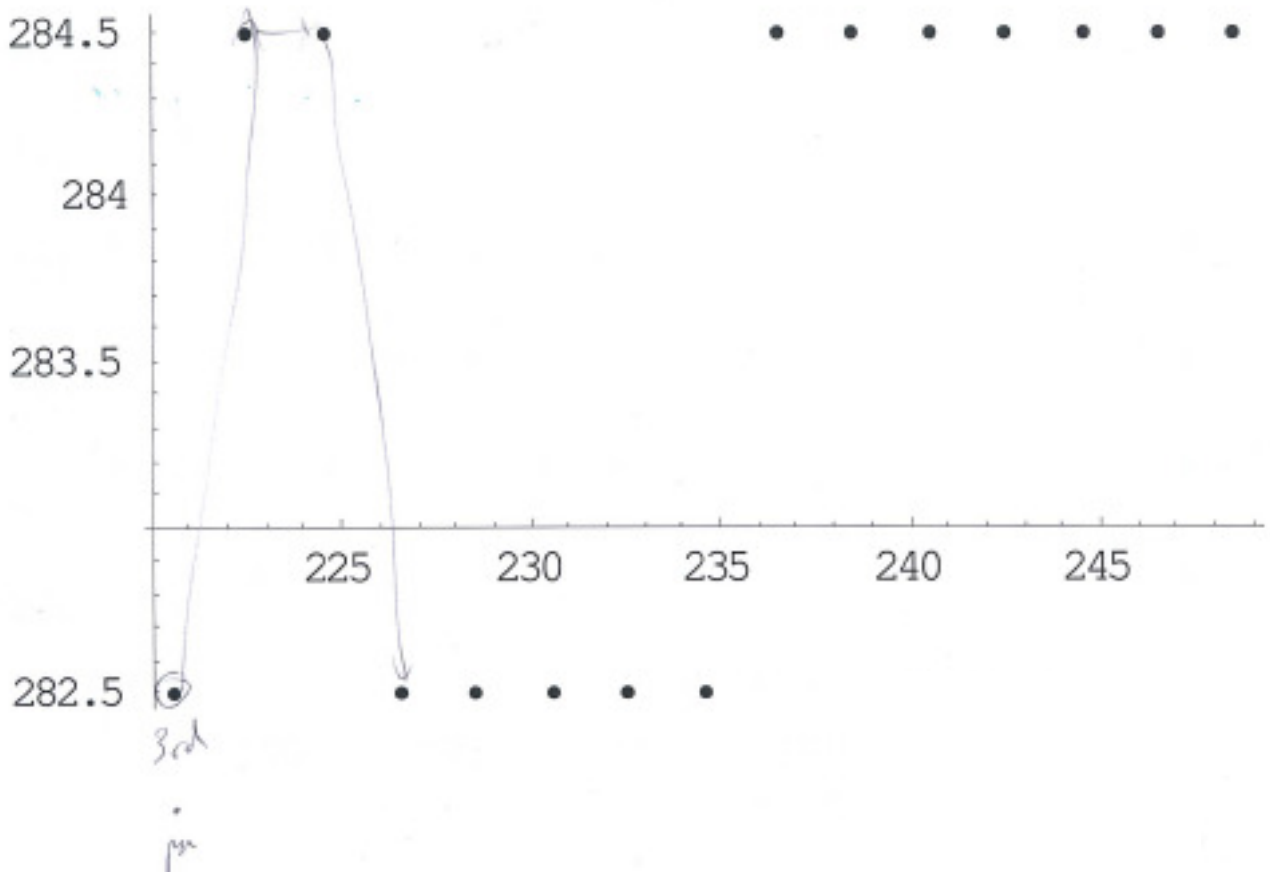


c+f vectors (lobe)

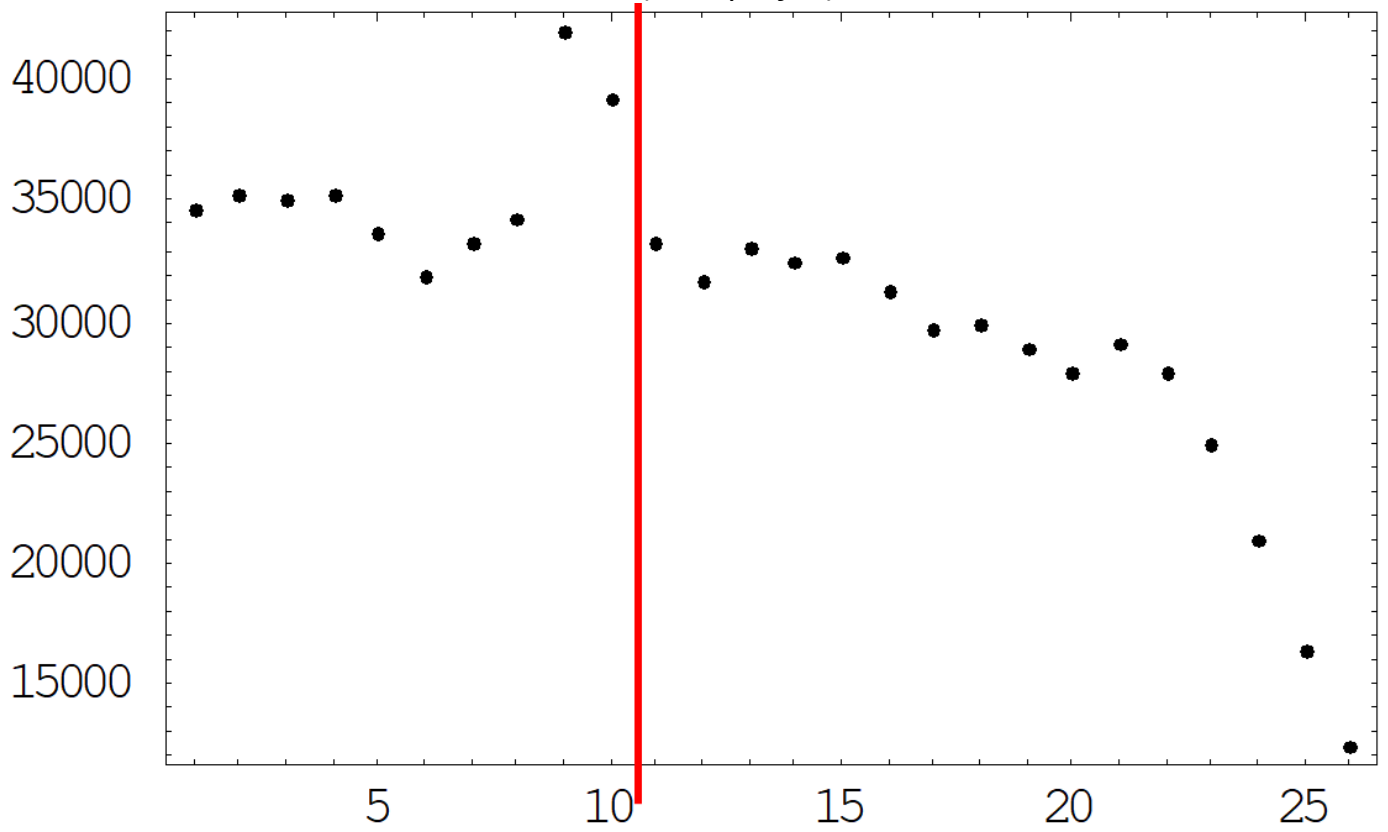
VECTOR C (lobe)



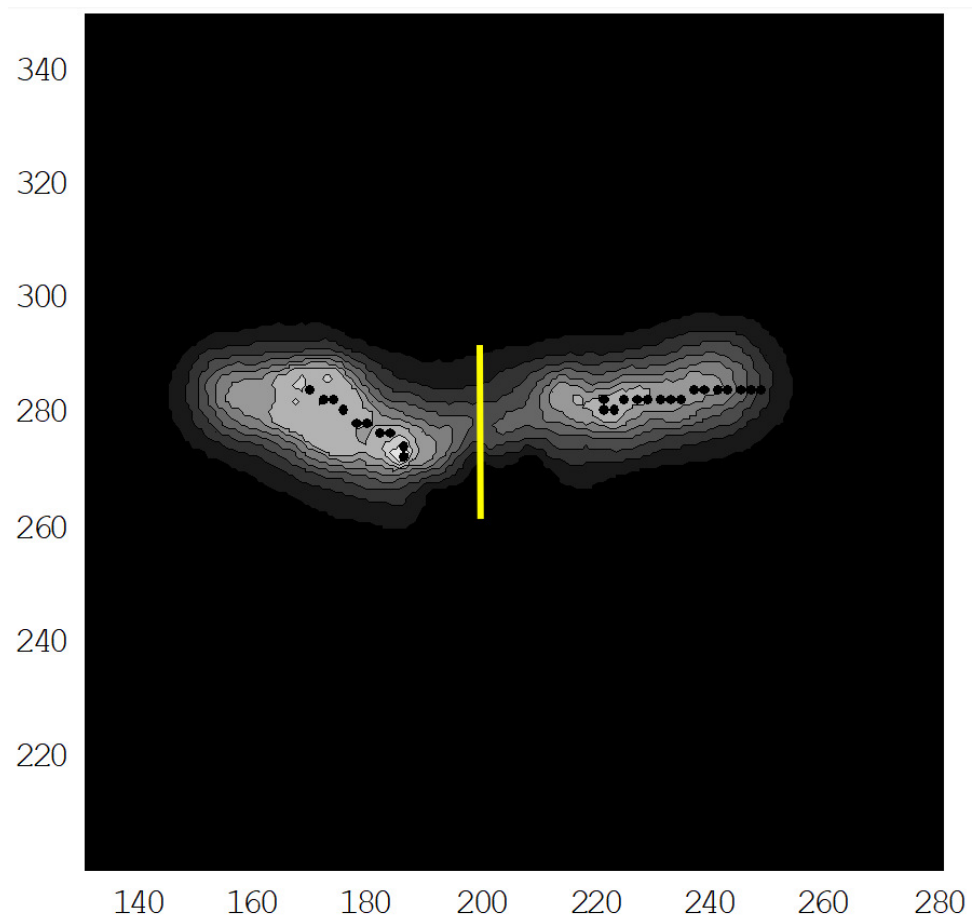
VECTOR F (lobe)



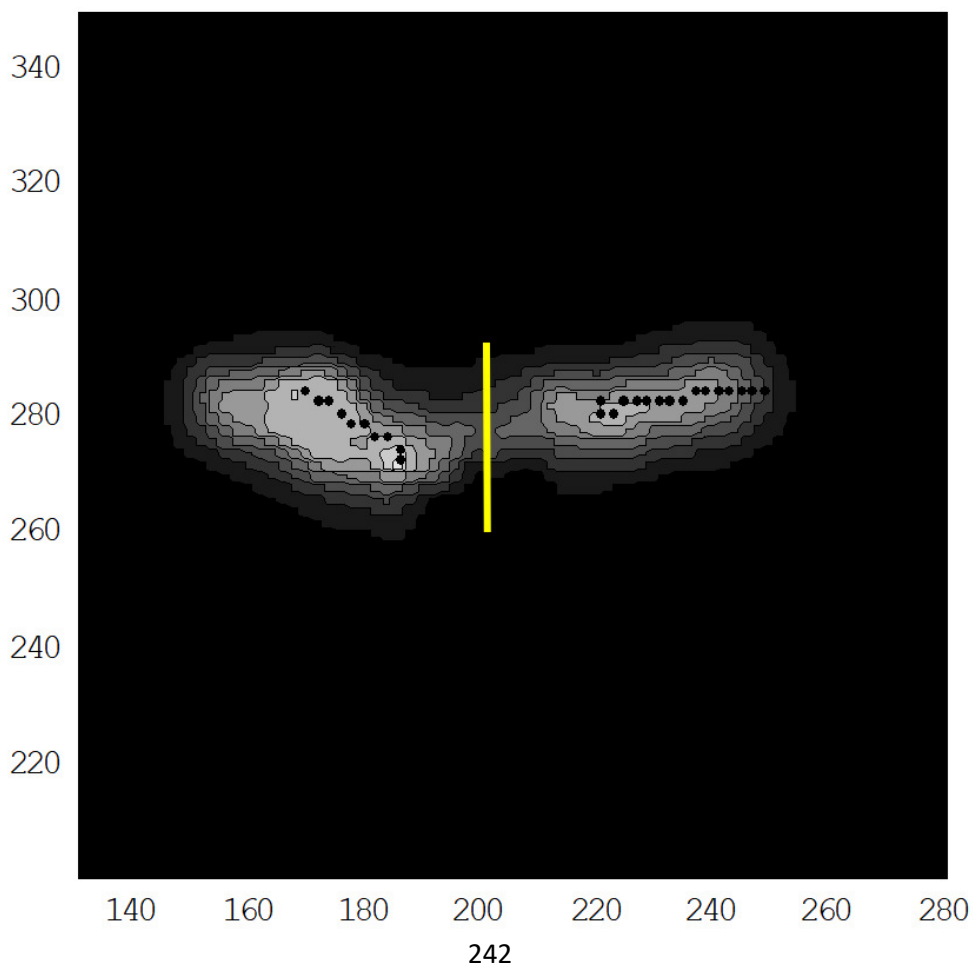
Trail (ADU profile)



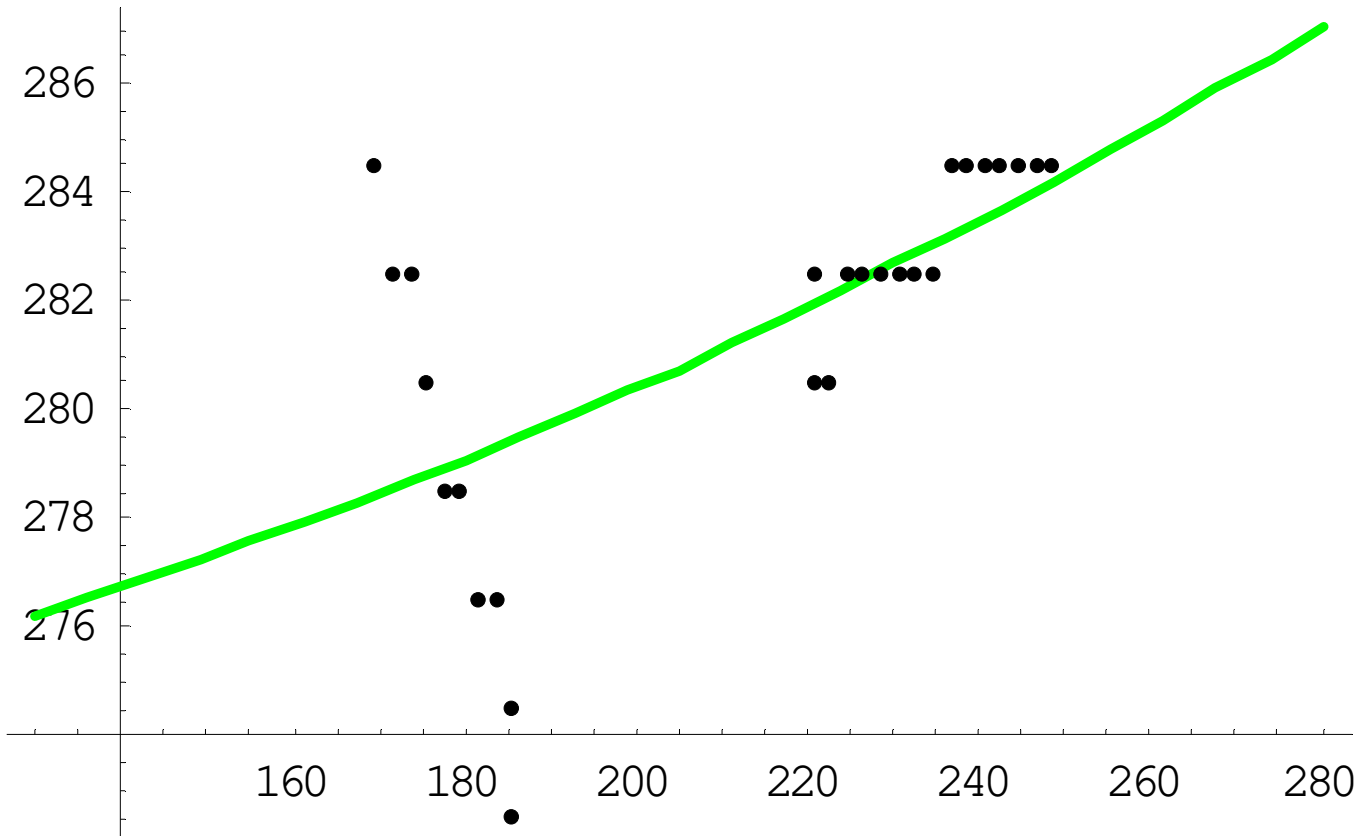
Trail + Contour 1x1



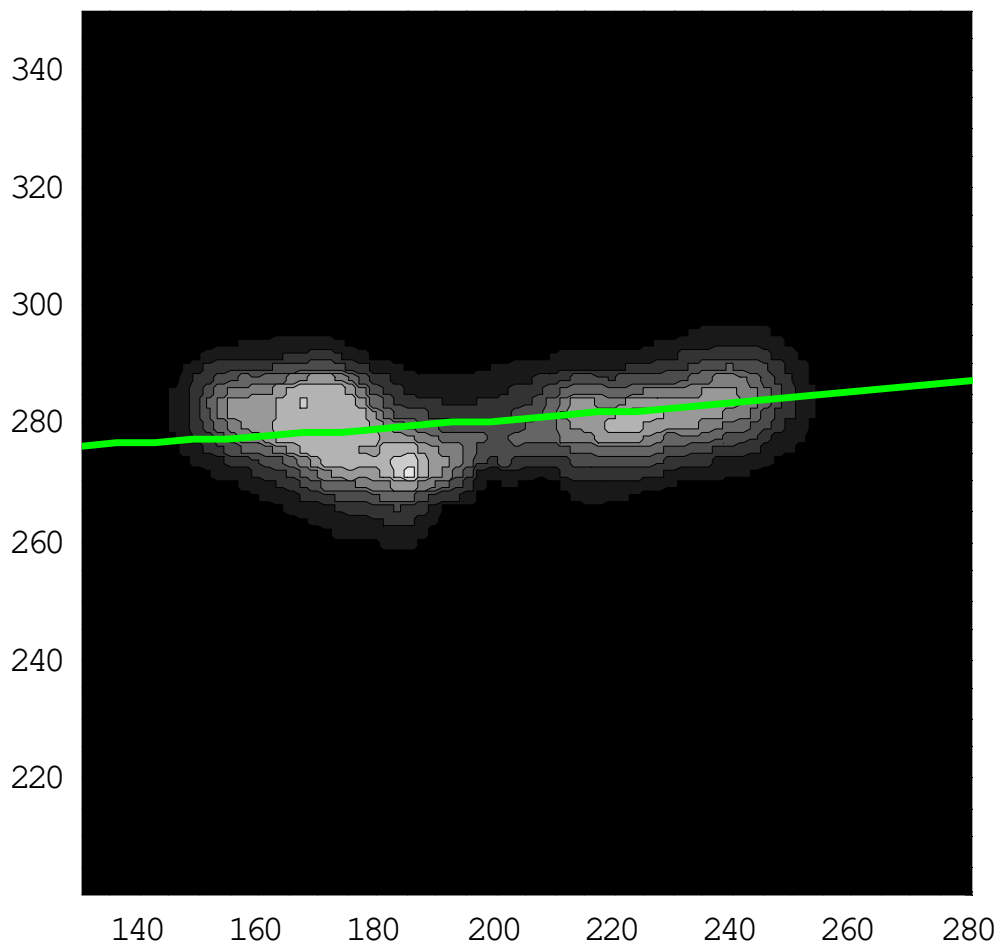
Trail + Contour 2x2



Circle '-' Fit



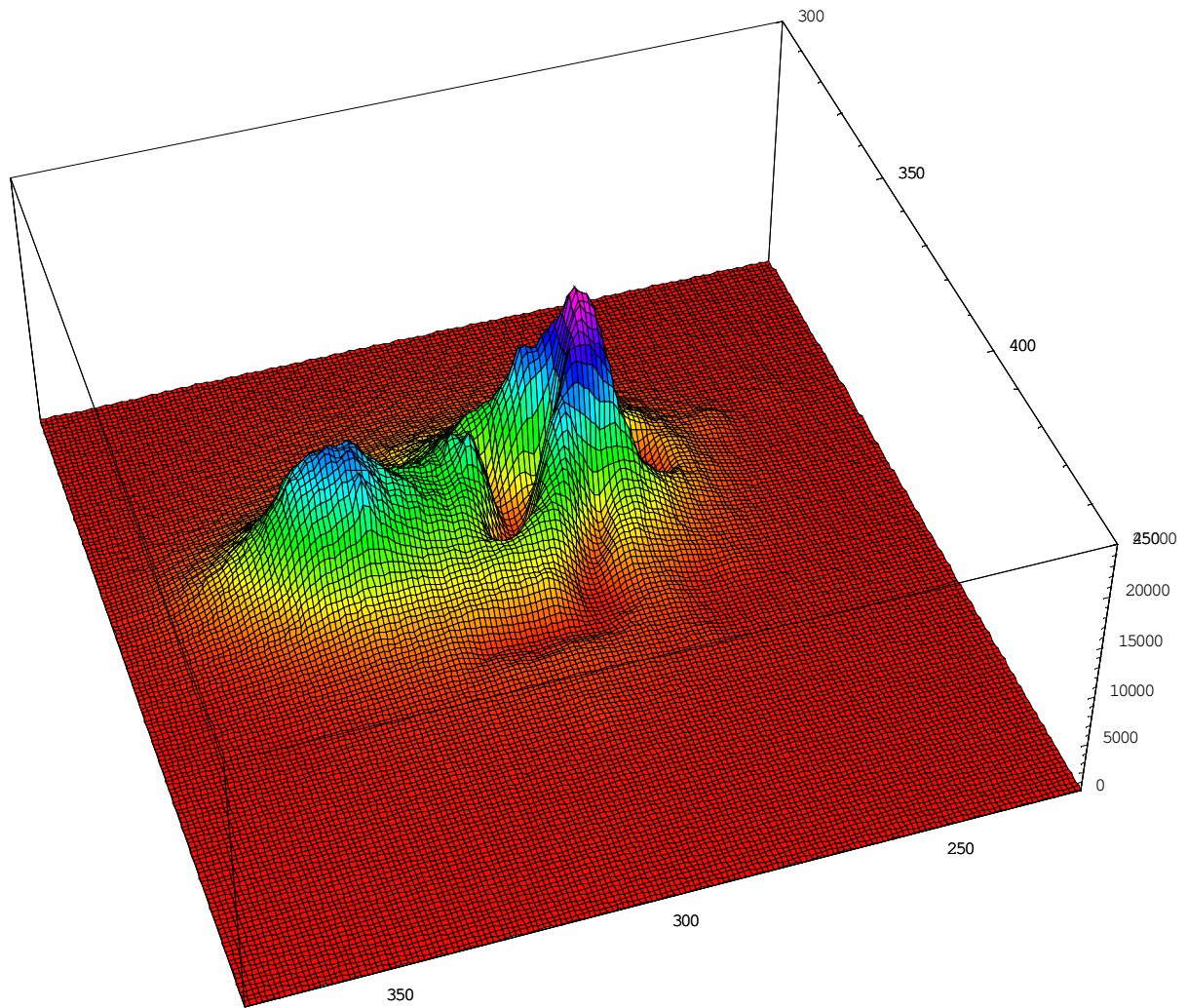
Circle '-' Fit on path (best fit for curvature)



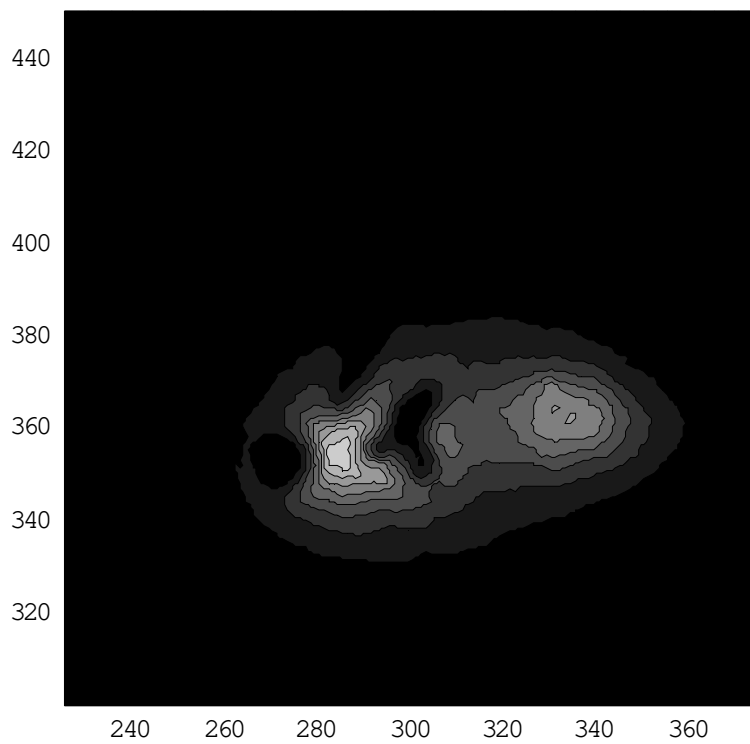
28-11-2008

A2 – ACHADA GRANDE (with “lobe work”)

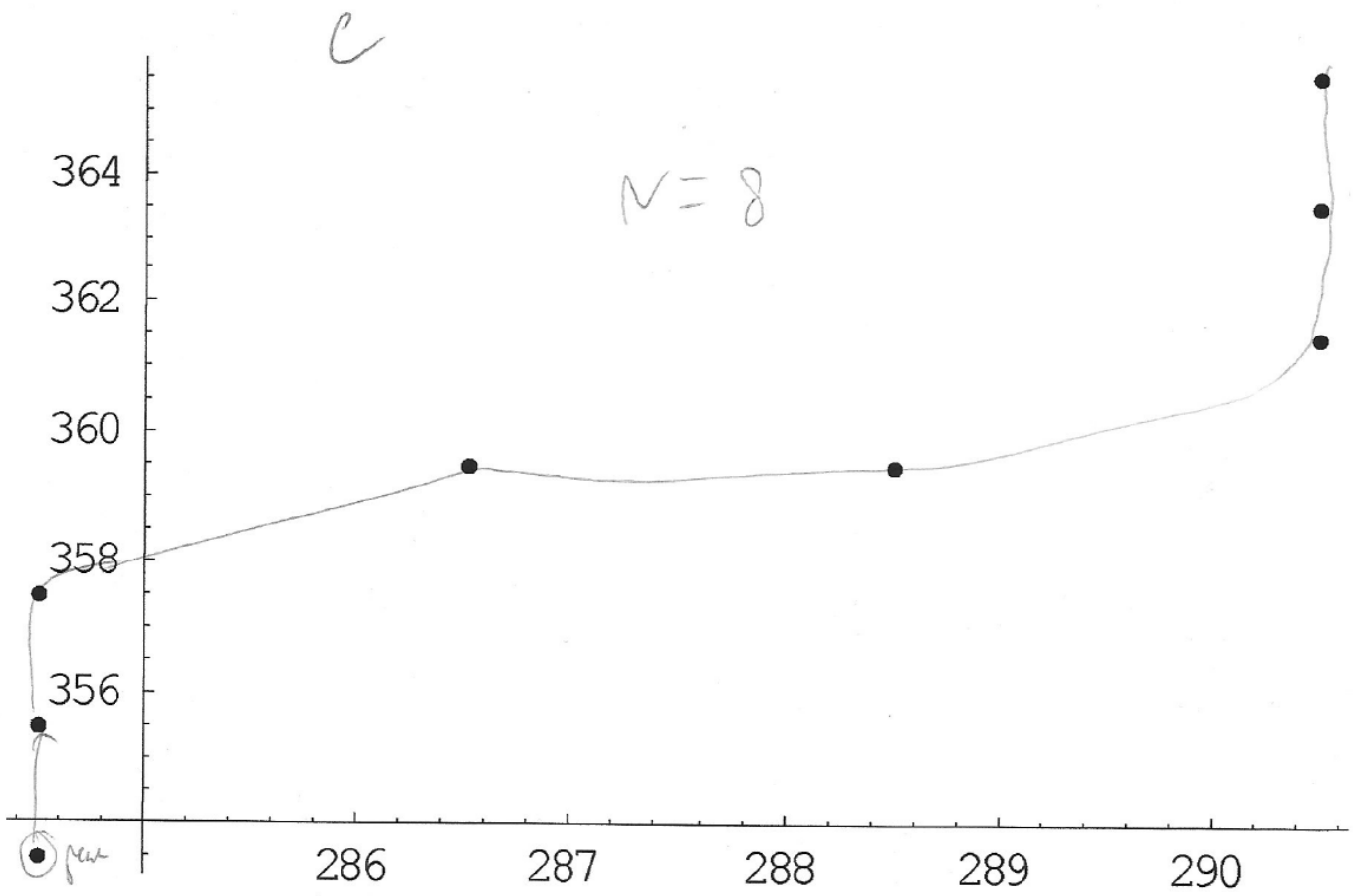
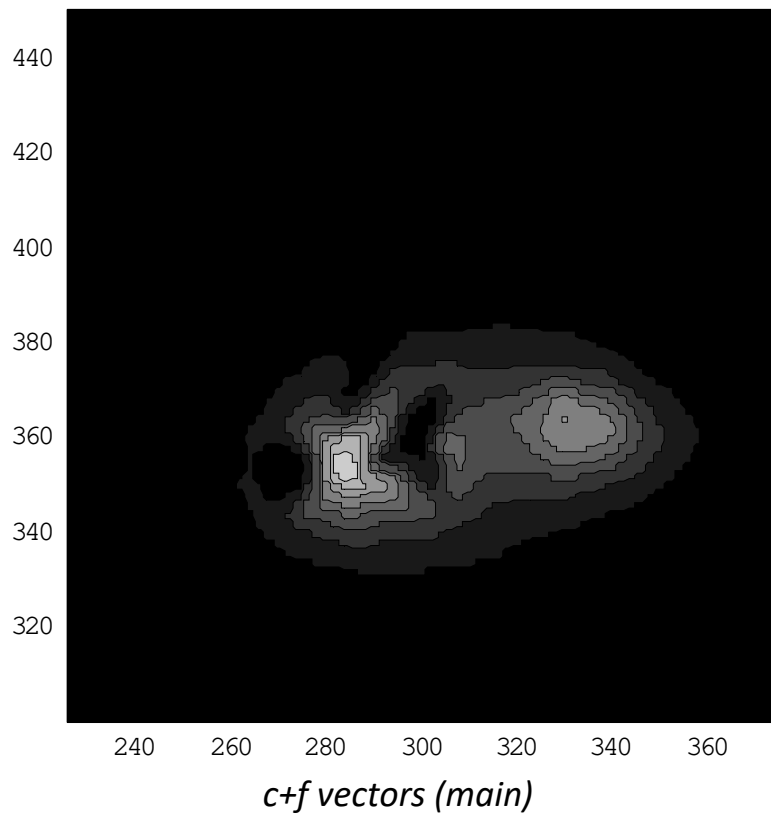
Trail 3D

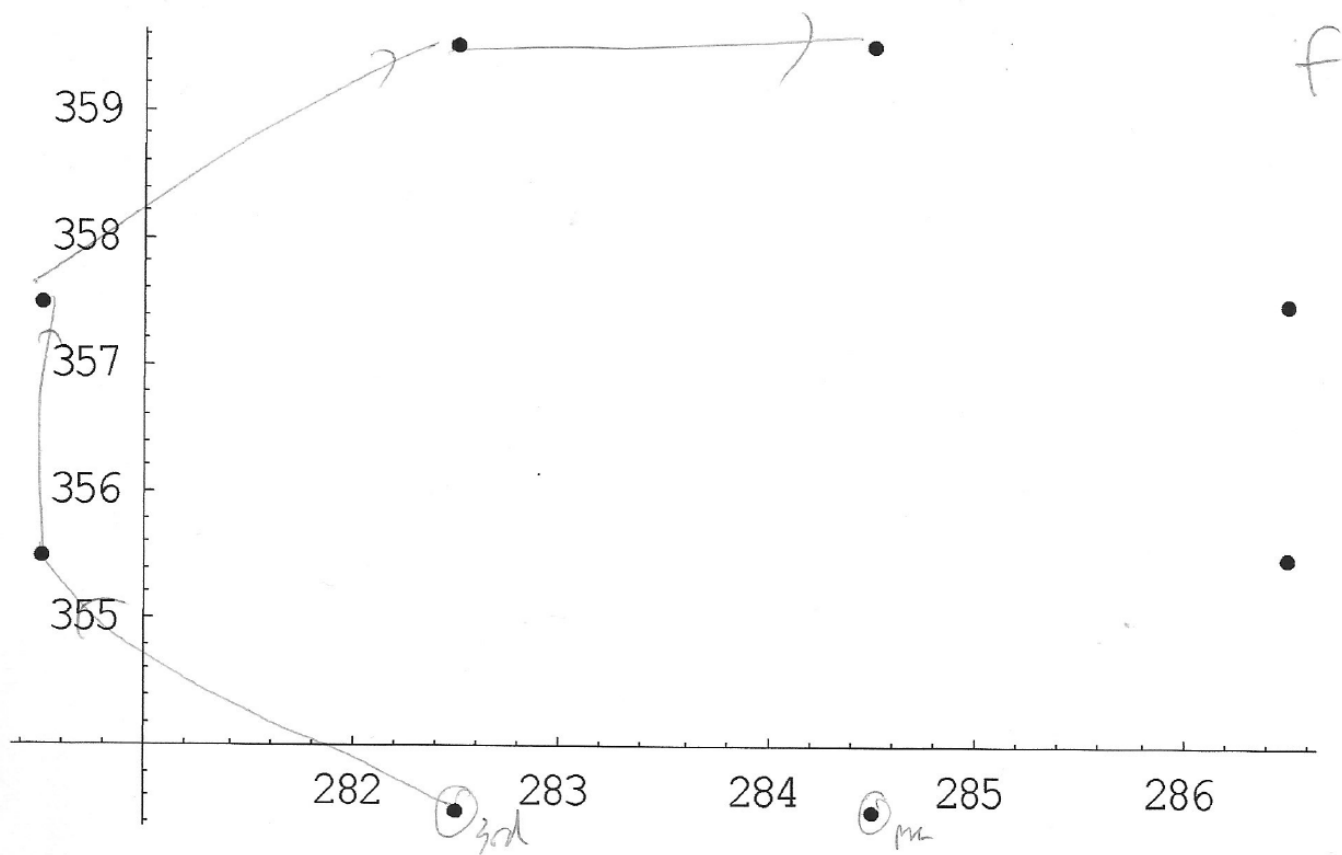


Contour 1x1



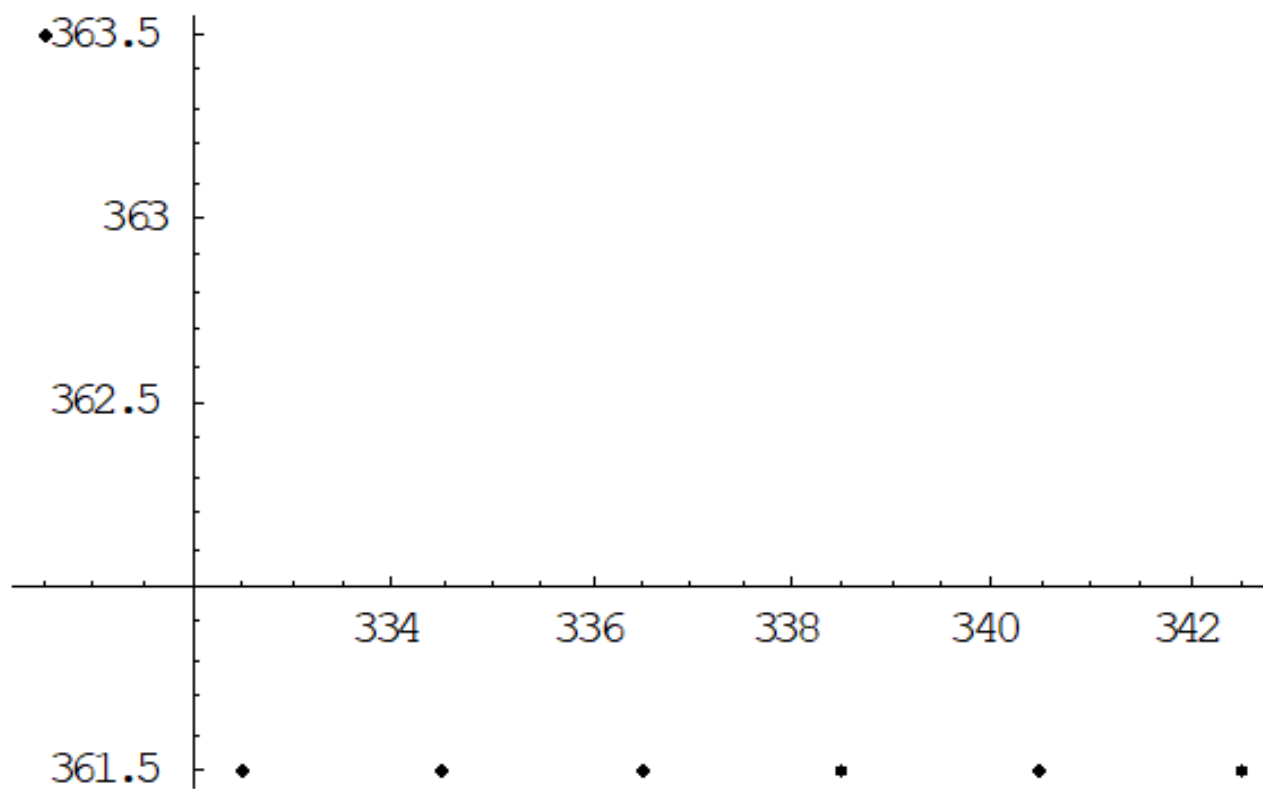
Contour 2x2



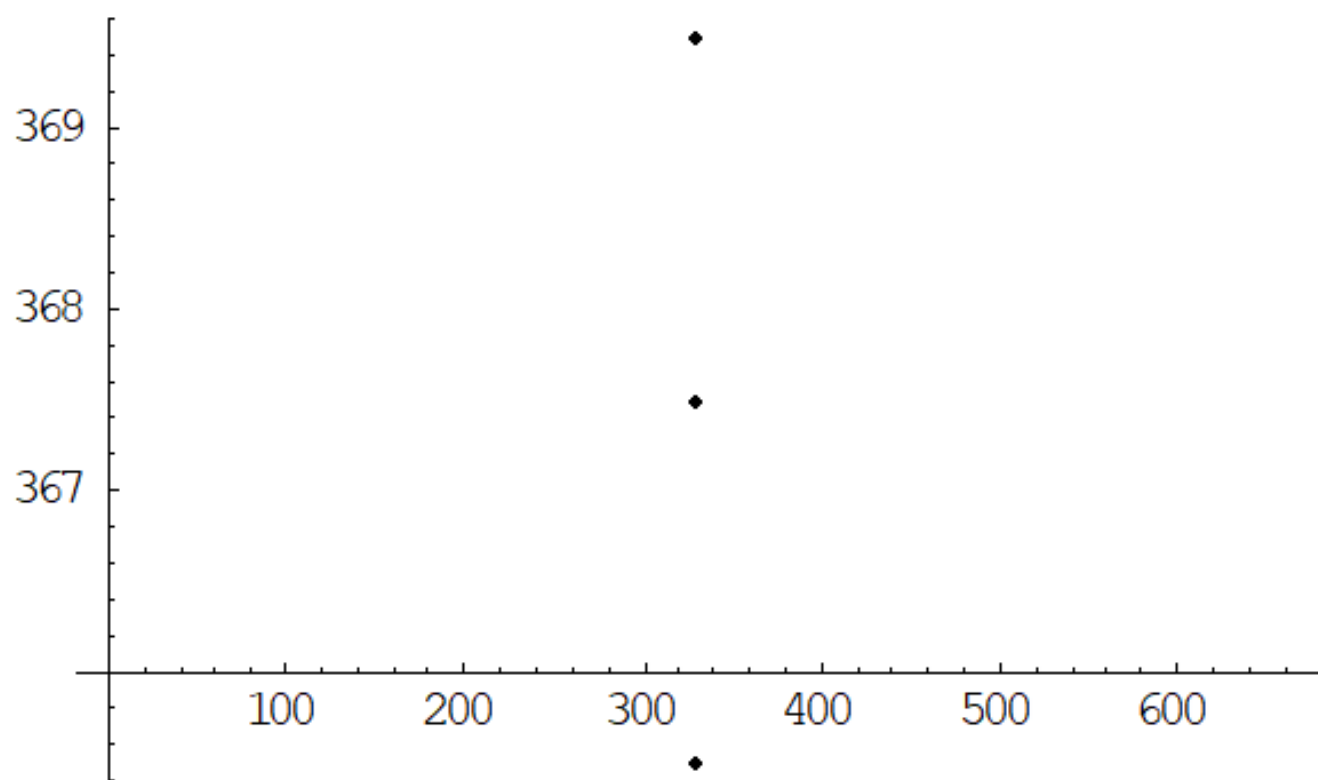


c+f vectors (lobe)

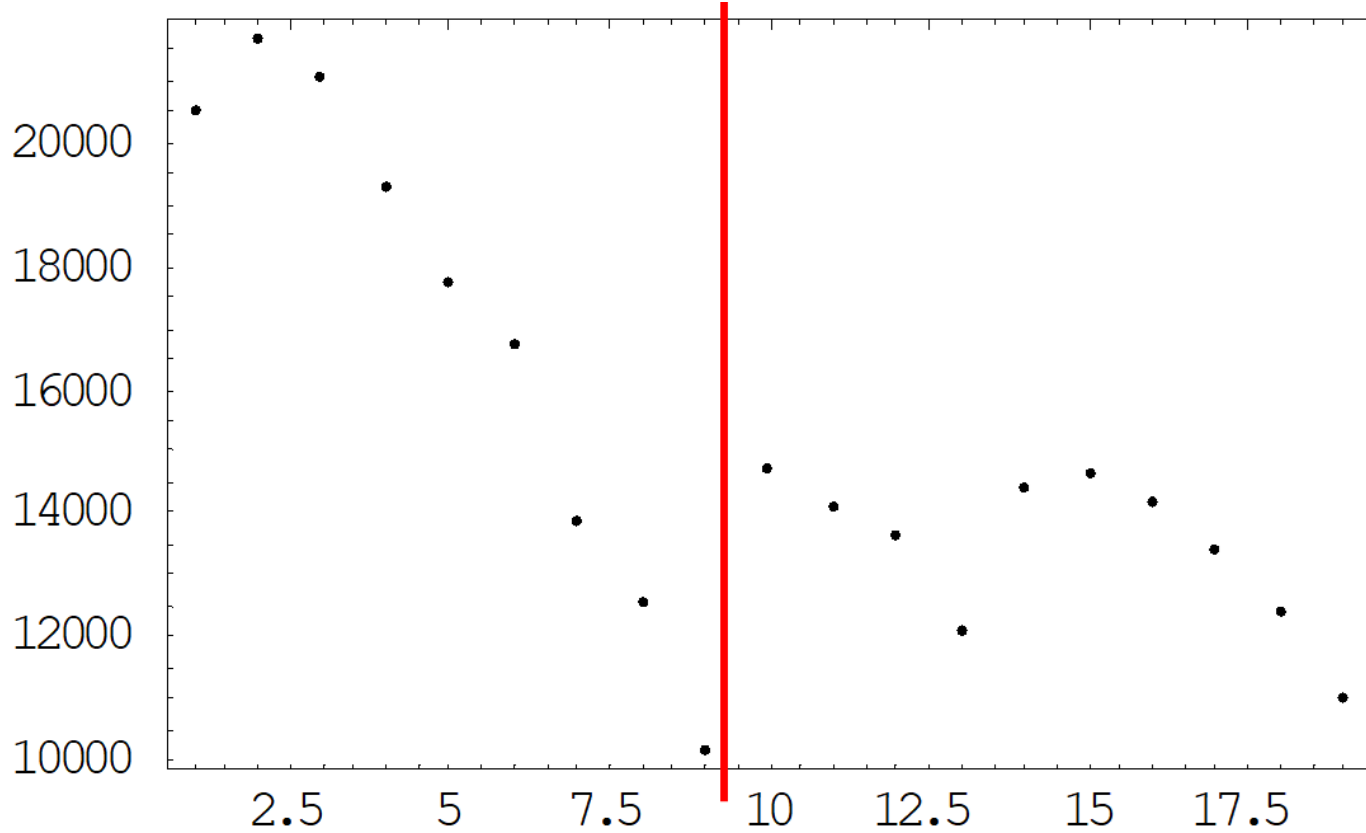
VECTOR C



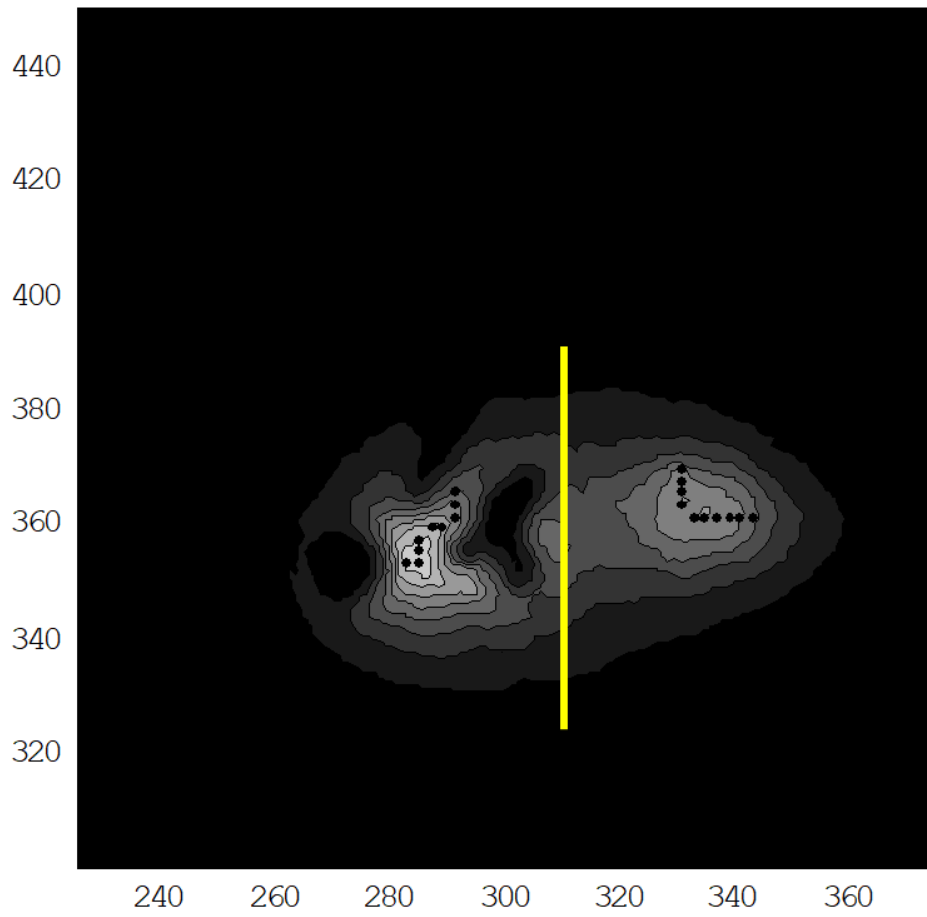
VECTOR F



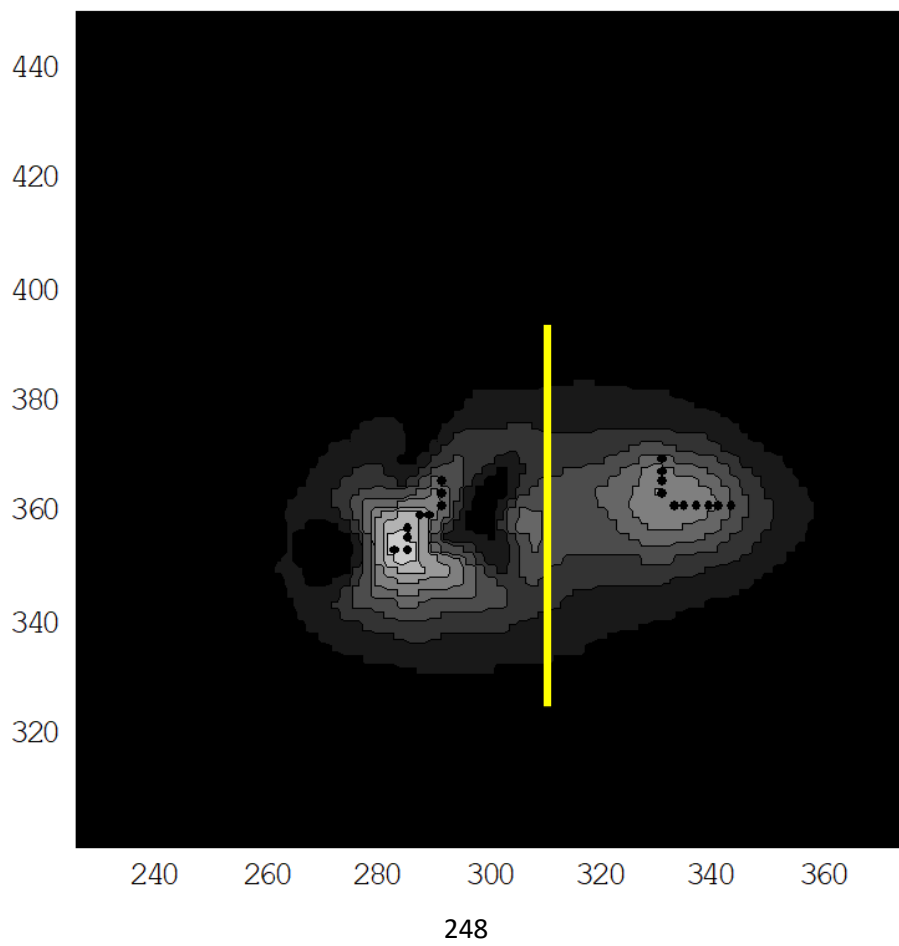
Trail (ADU profile)



Trail + Contour 1x1



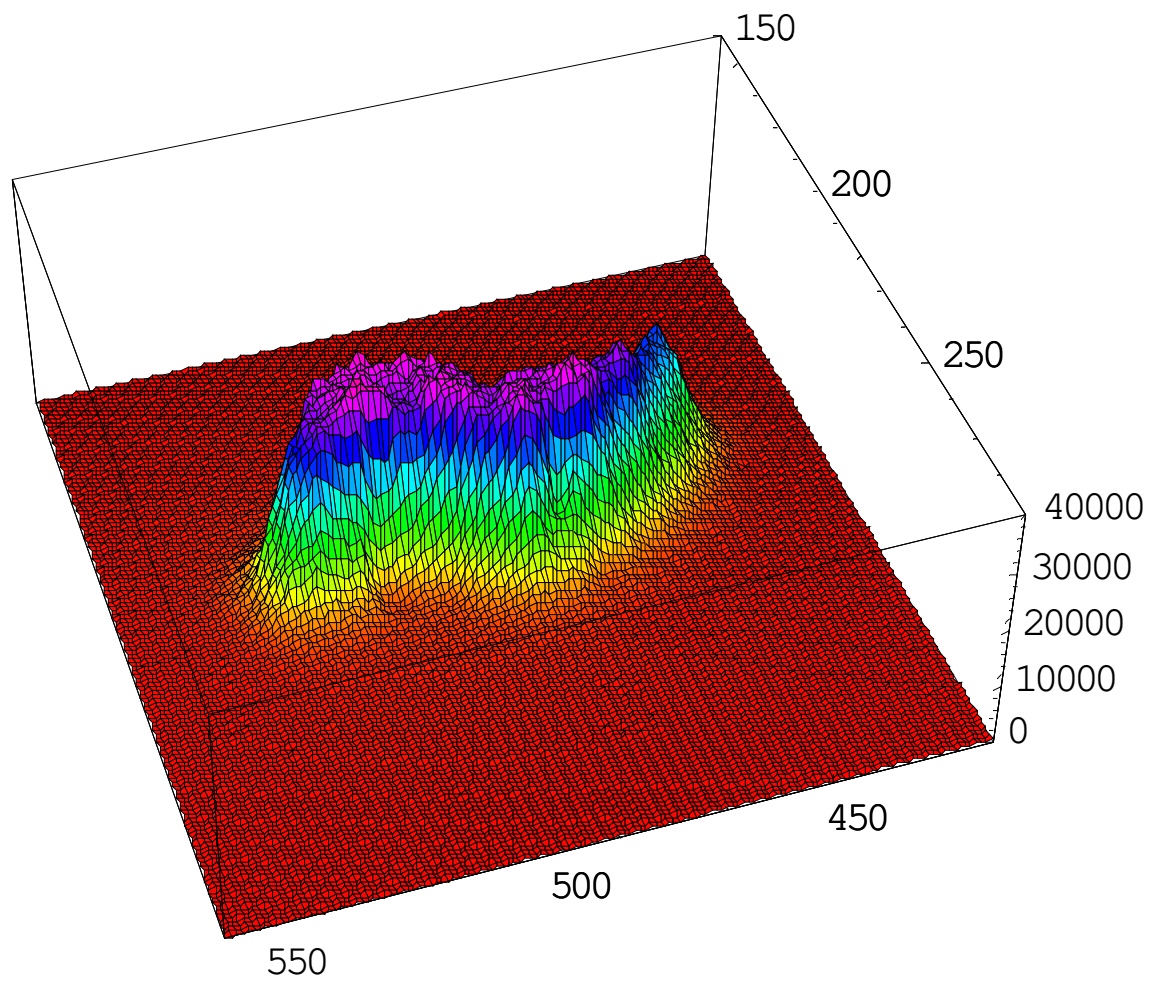
Trail + Contour 2x2



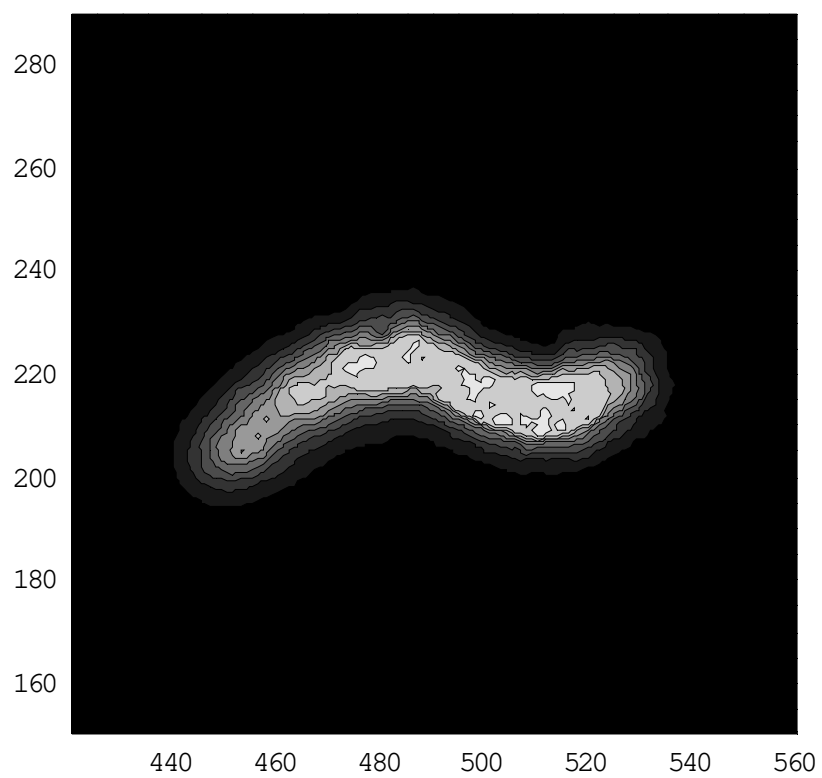
03-12-2008

A1 – JUNCAL (with “lobe work”)

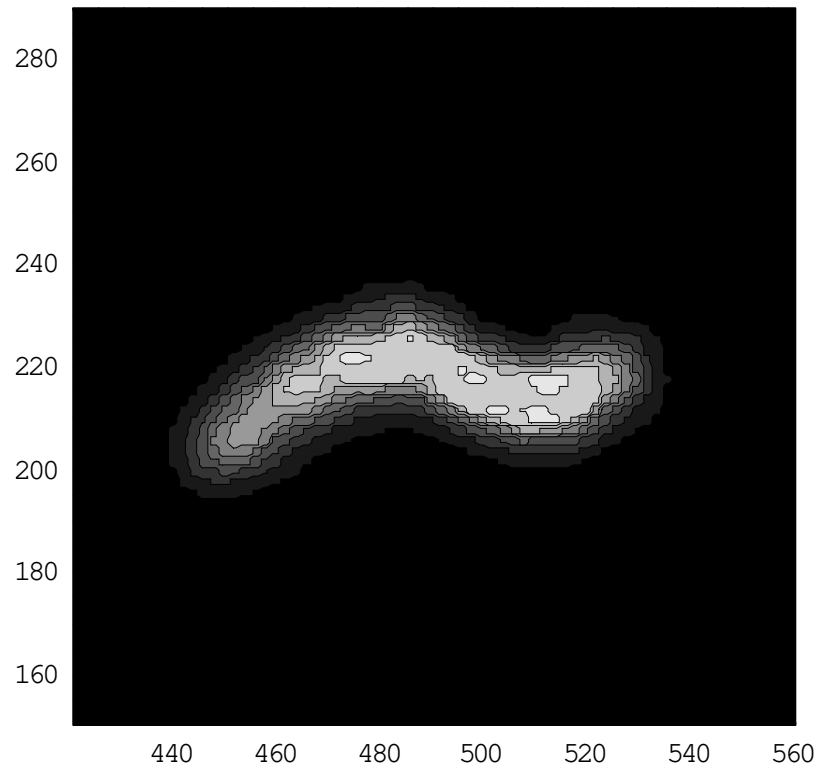
Trail 3D



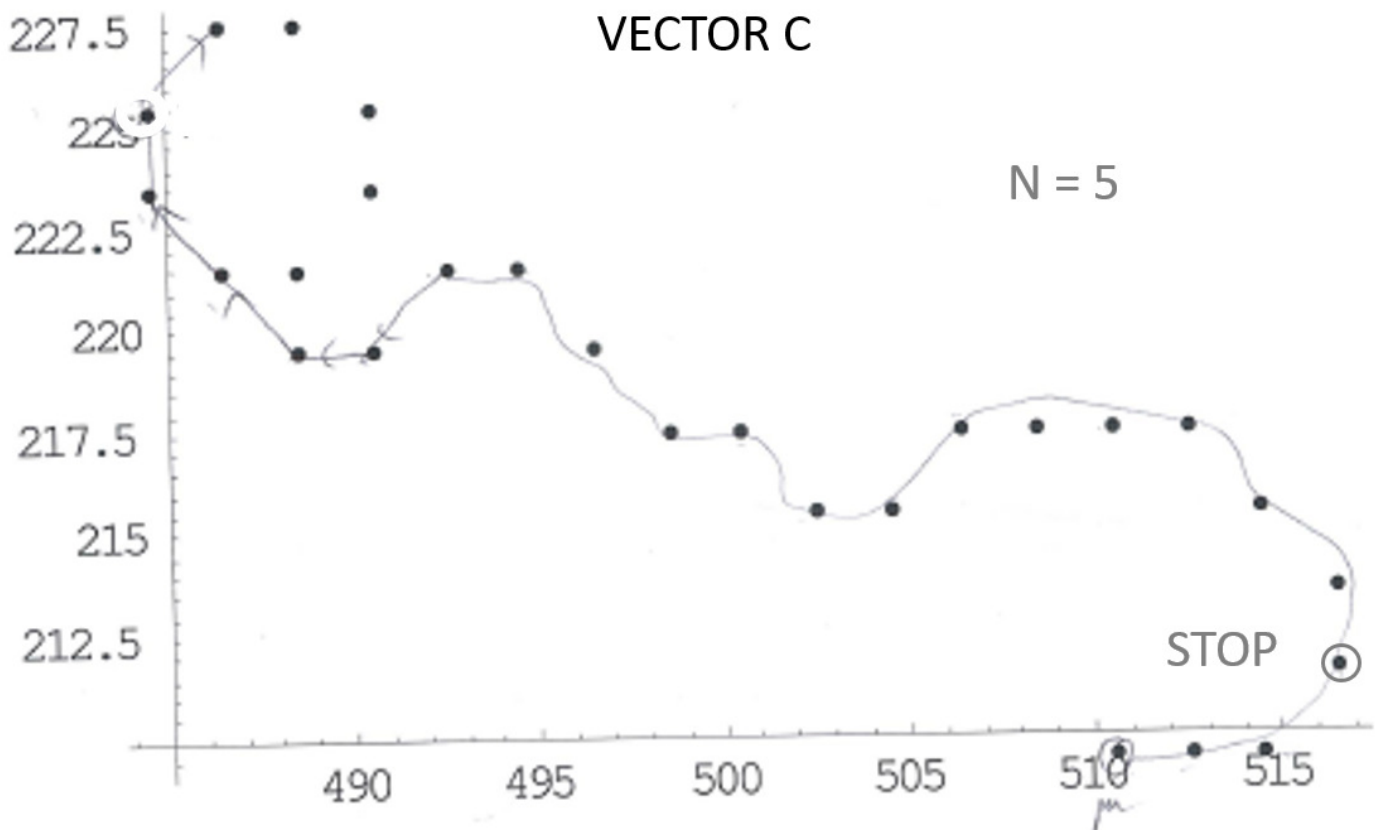
Contour 1x1



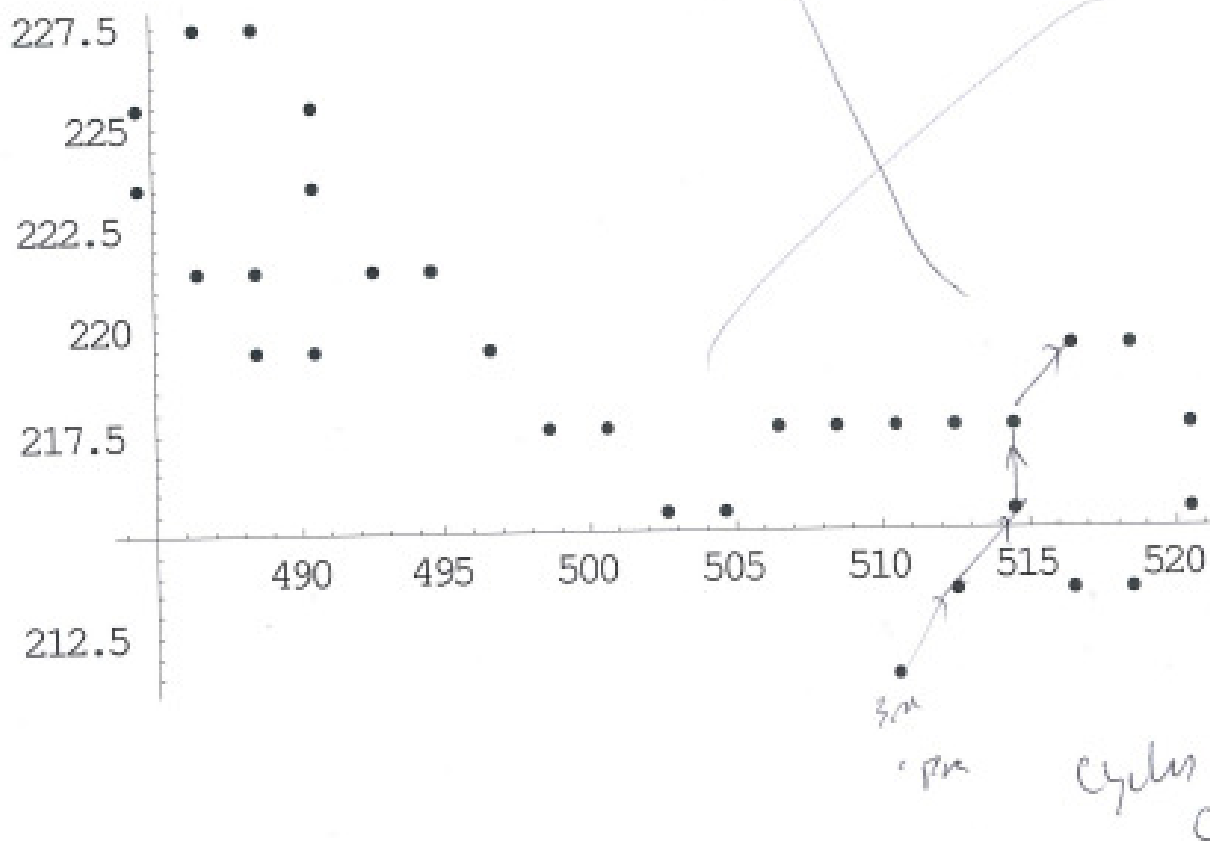
Contour 2x2



c+f vectors (main)

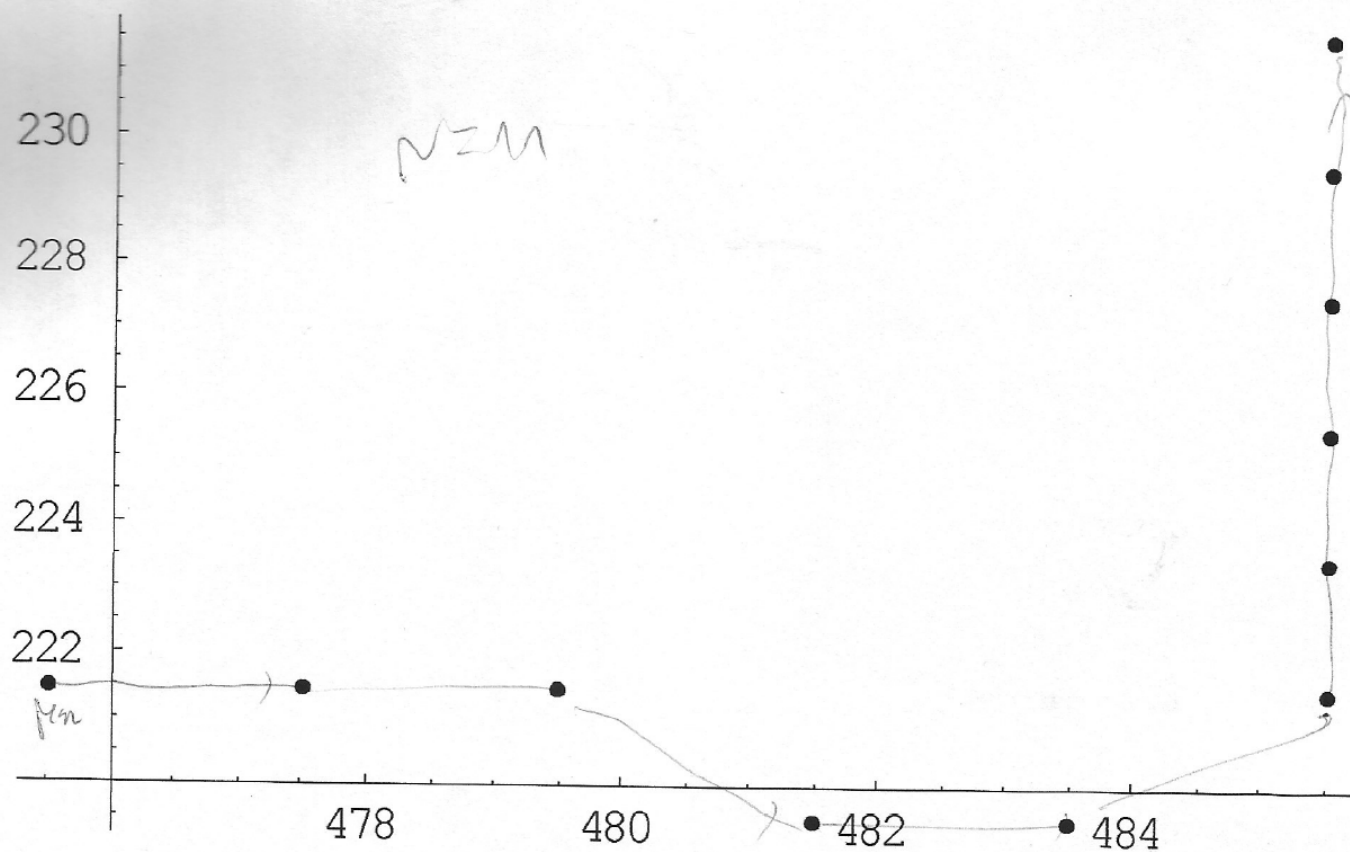


VECTOR F

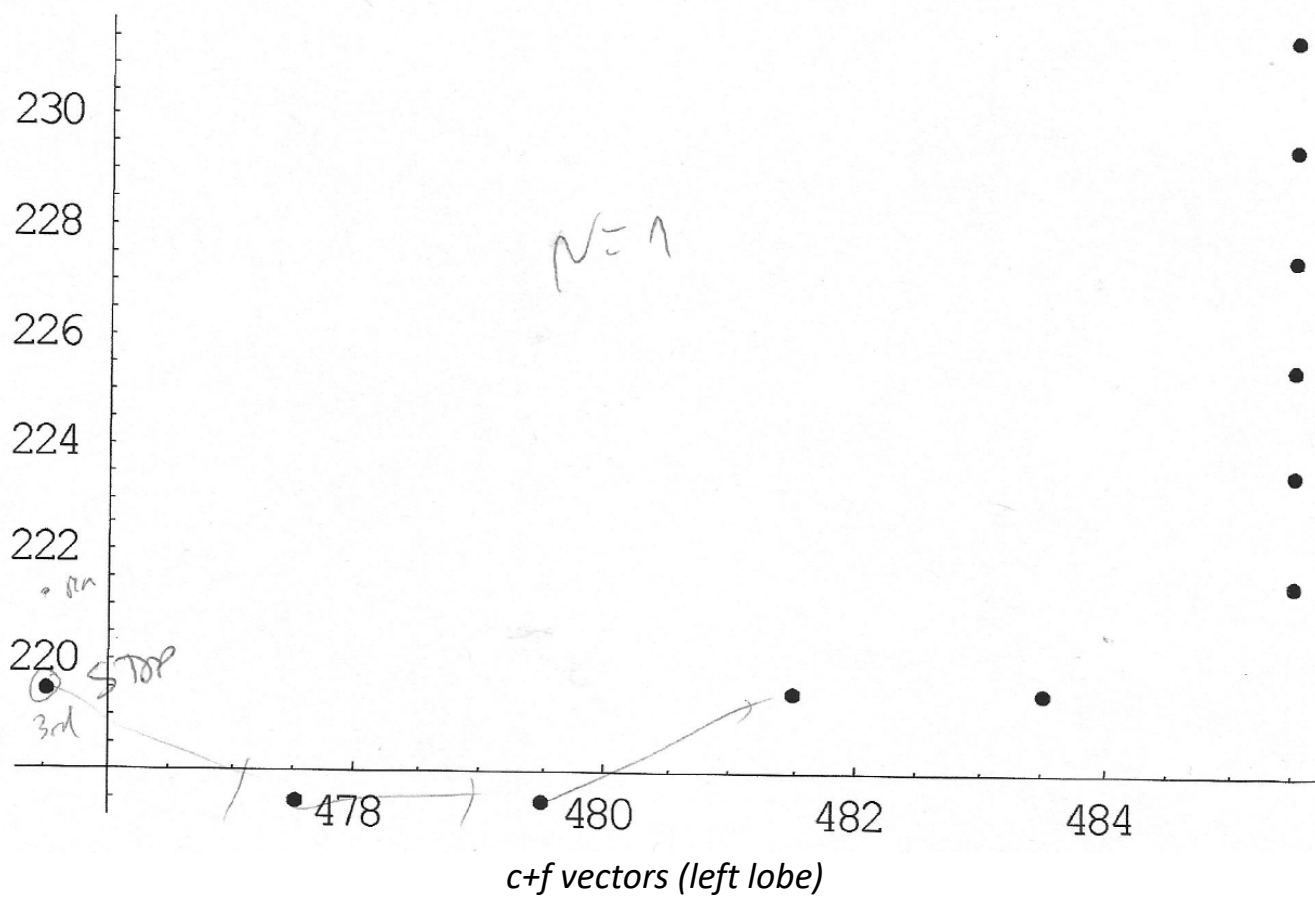


c+f vectors (central lobe)

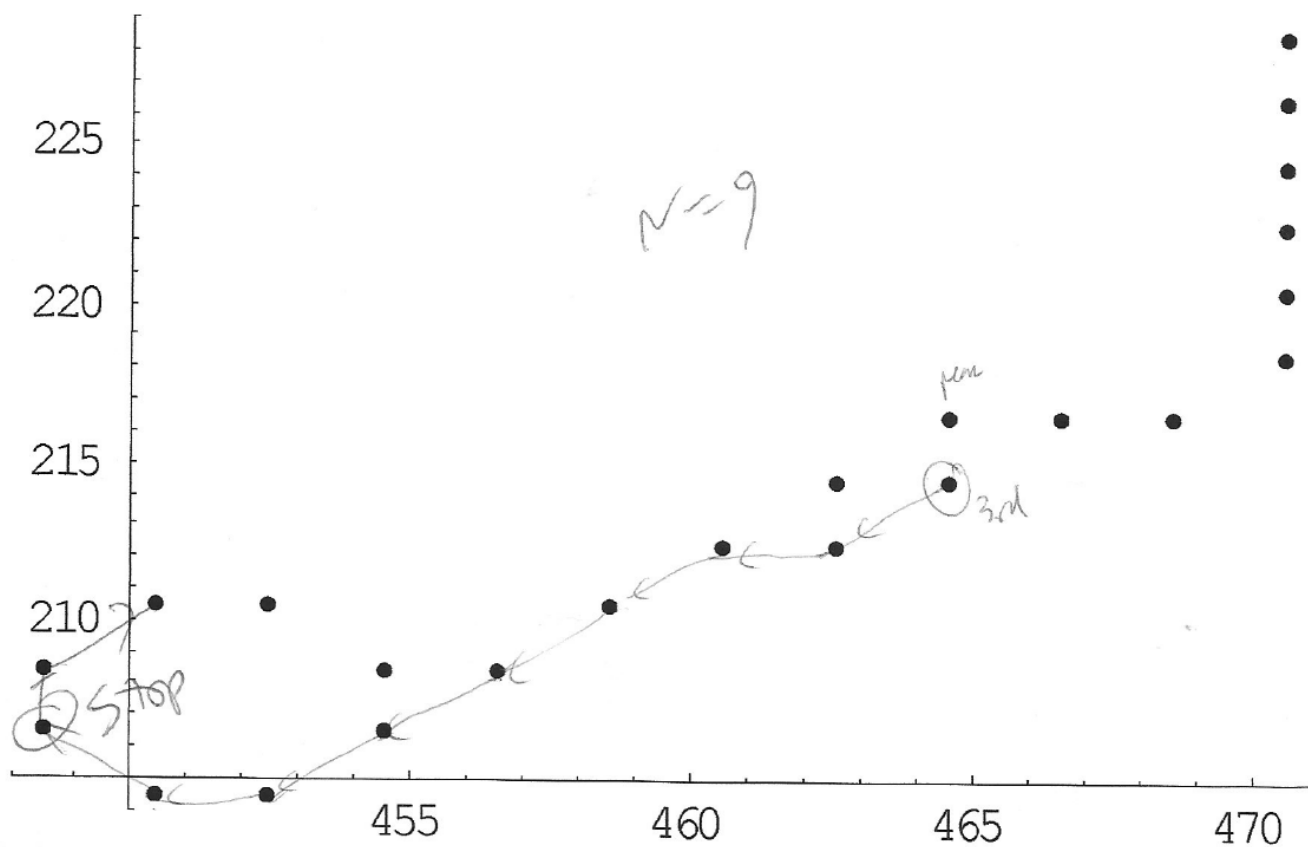
VECTOR C



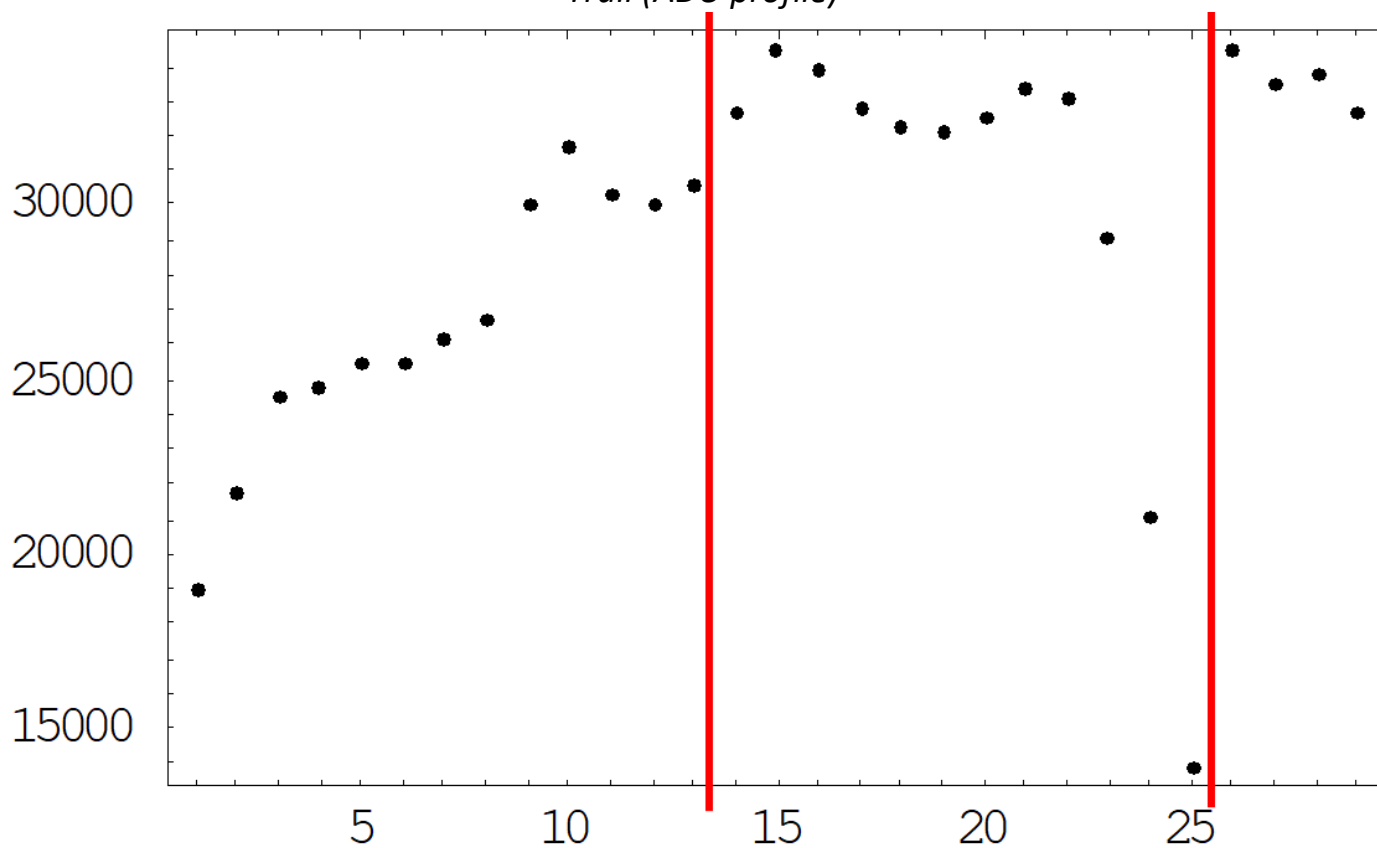
VECTOR F



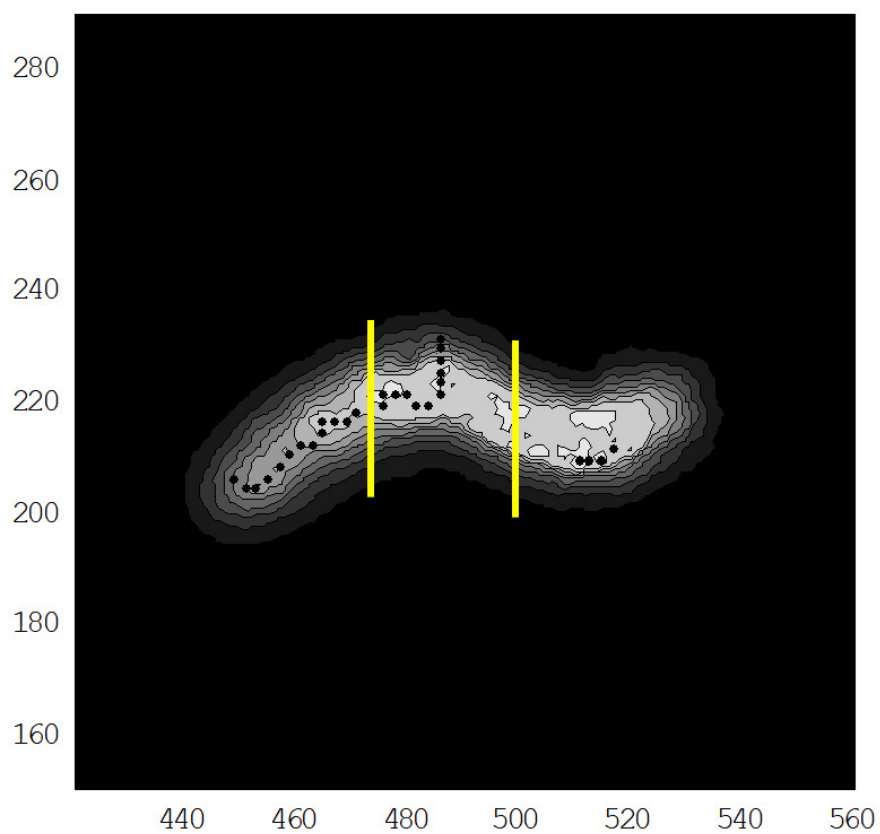
VECTOR F



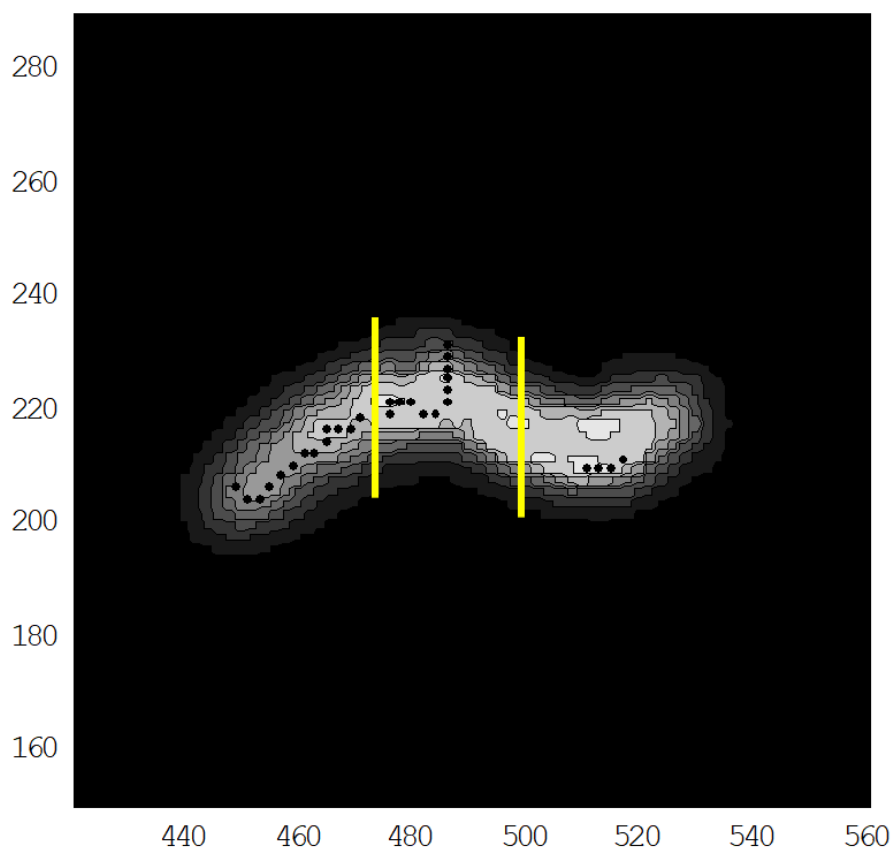
Trail (ADU profile)



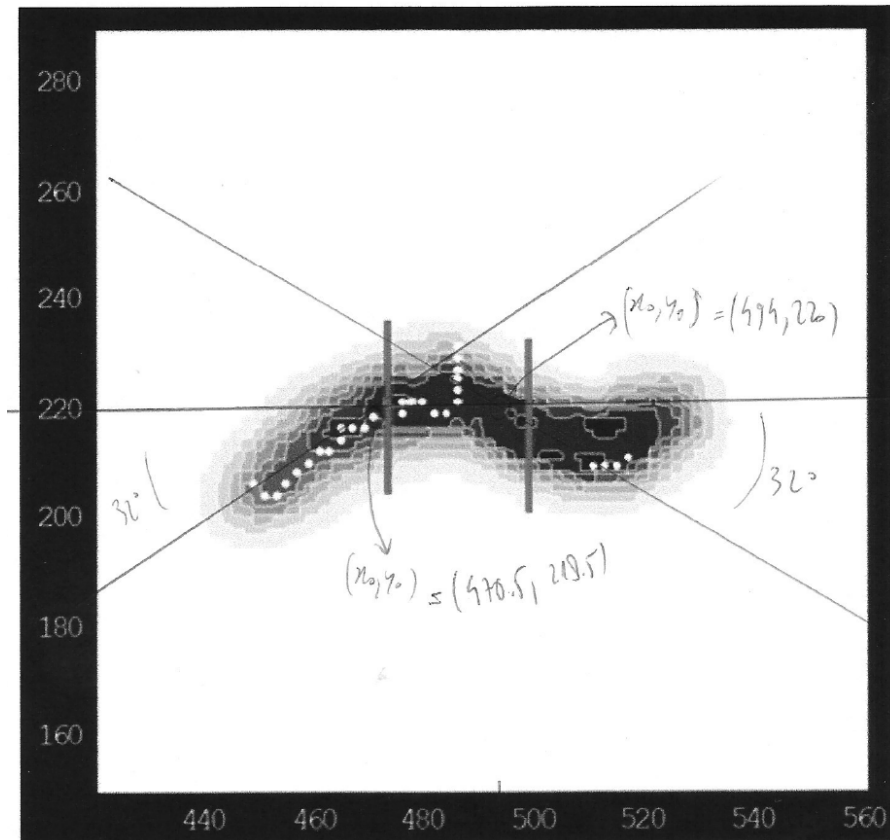
Trail + Contour 1x1



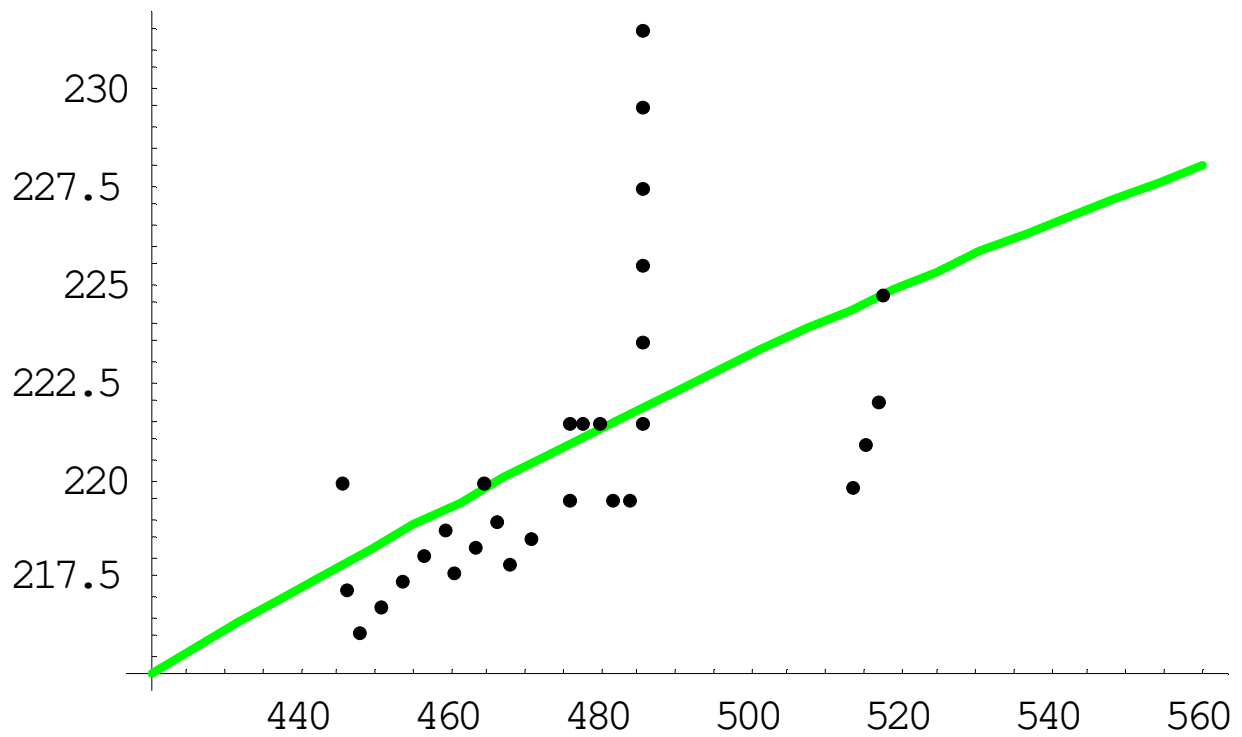
Trail + Contour 2x2



Unbending



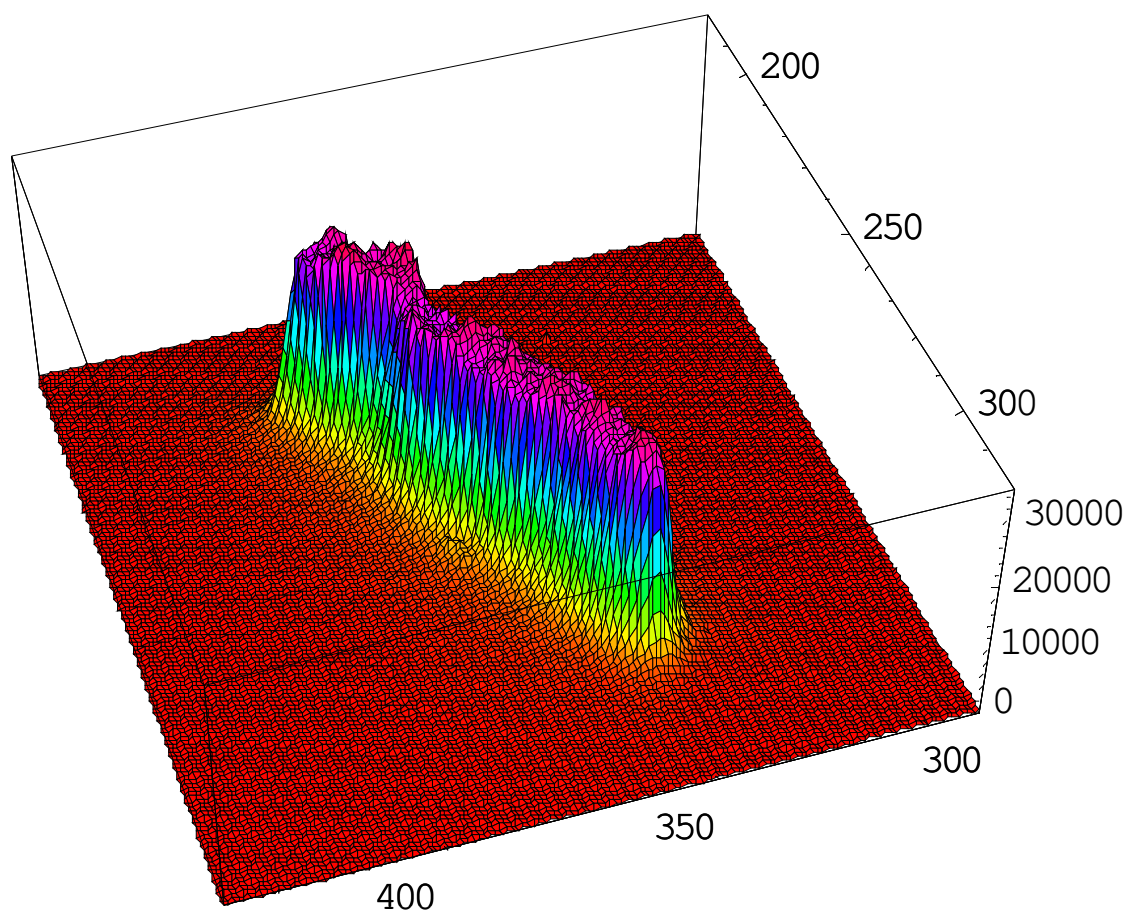
Circle '+' Fit



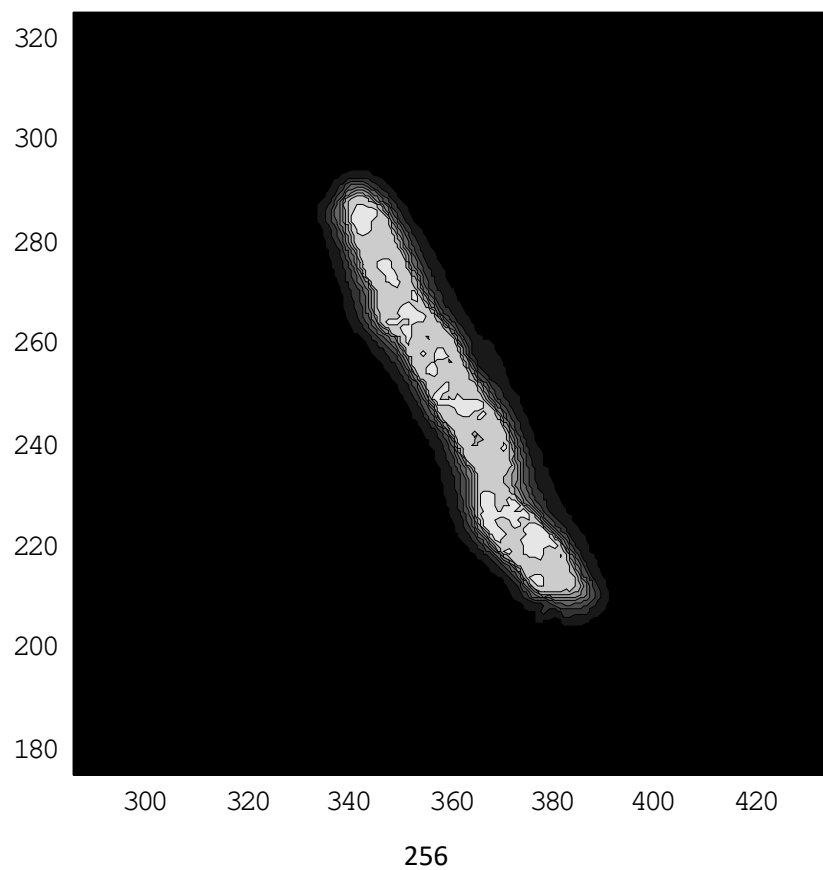
04-12-2008

B3 – PICO RUIVO DE SANTANA (with “lobe work”)

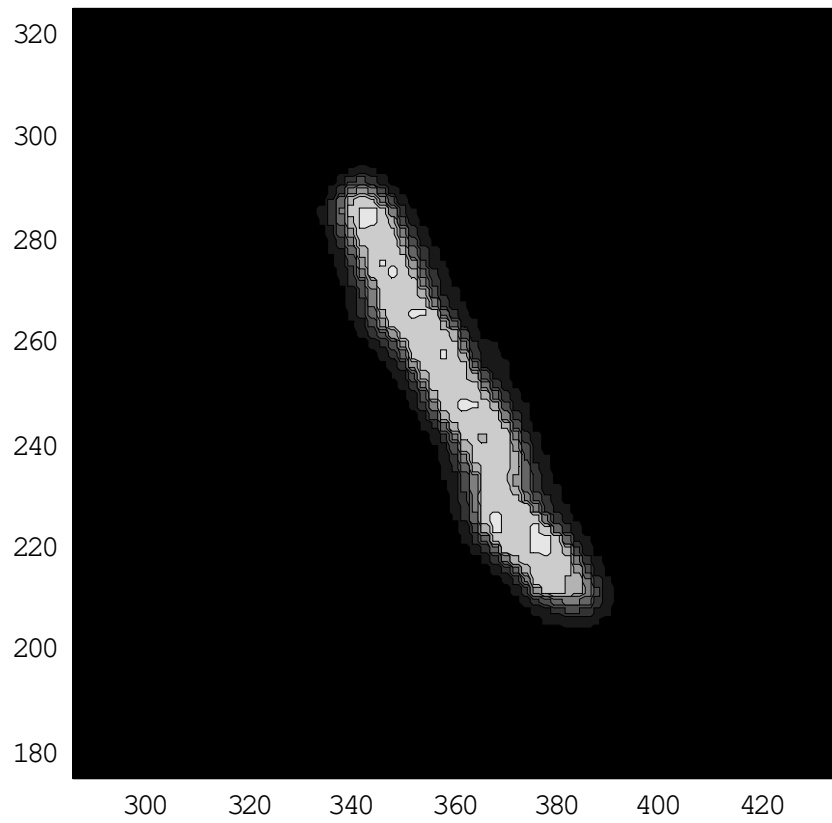
Trail 3D



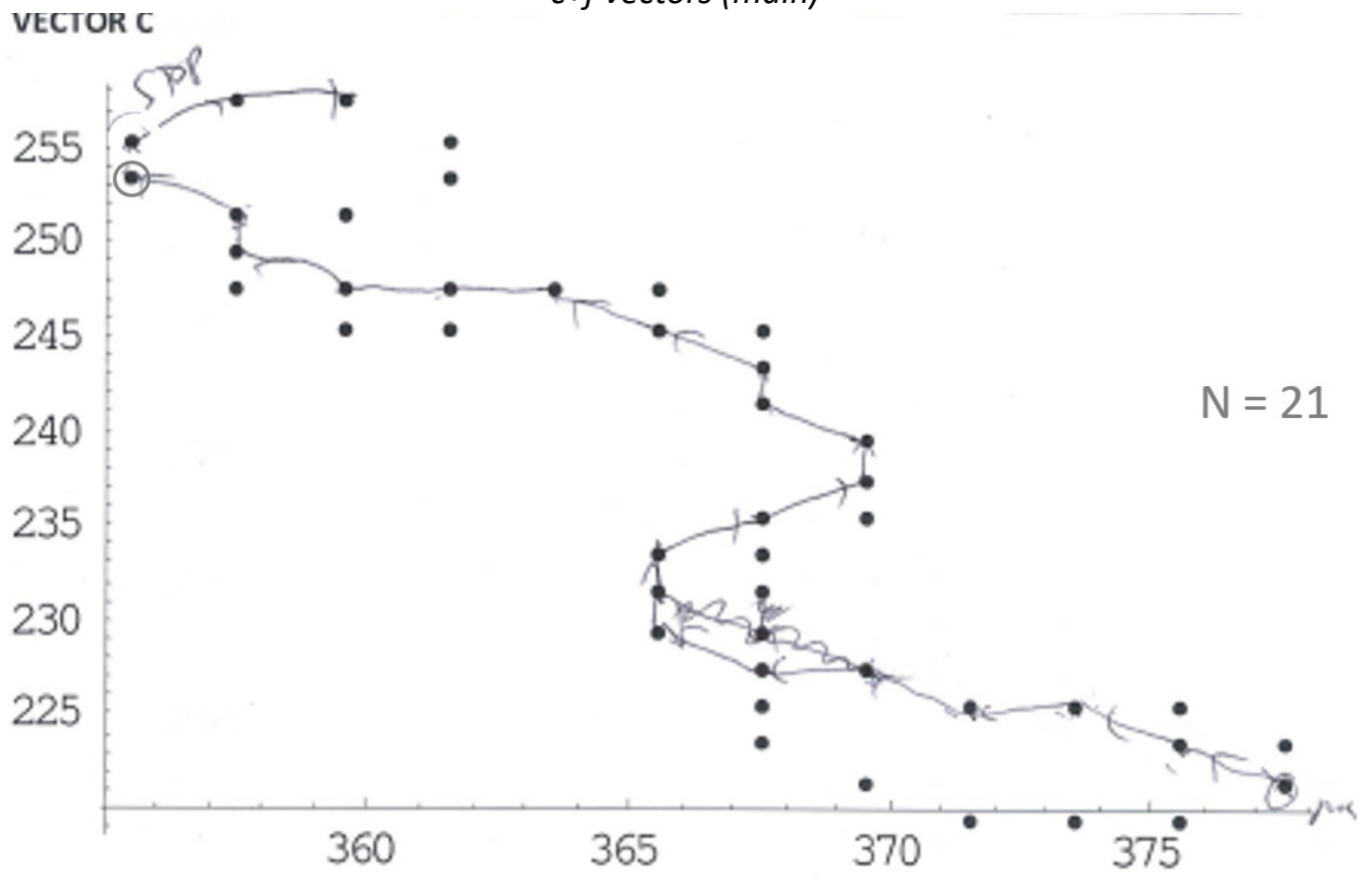
Contour 1x1



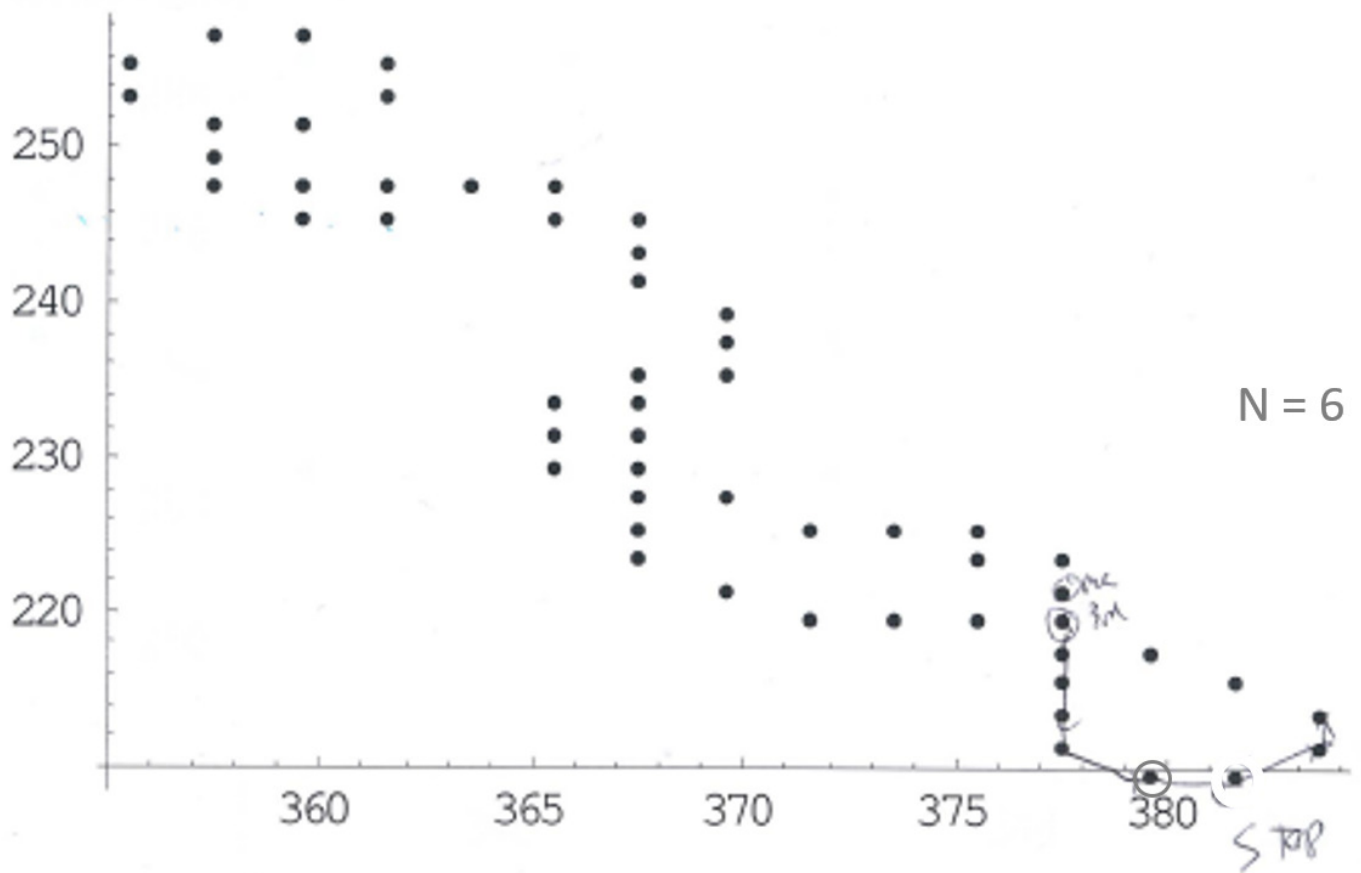
Contour 2x2



c+f vectors (main)

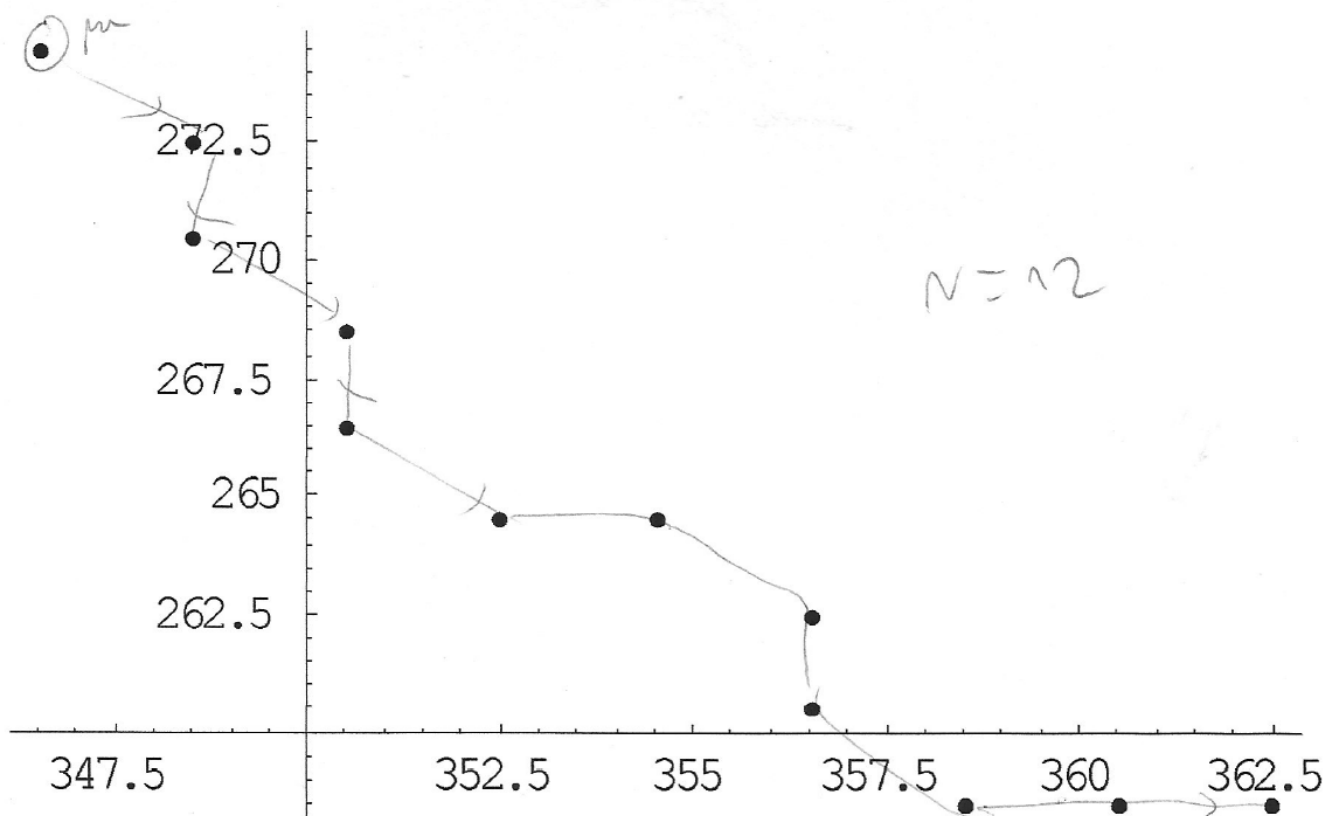


VECTOR F

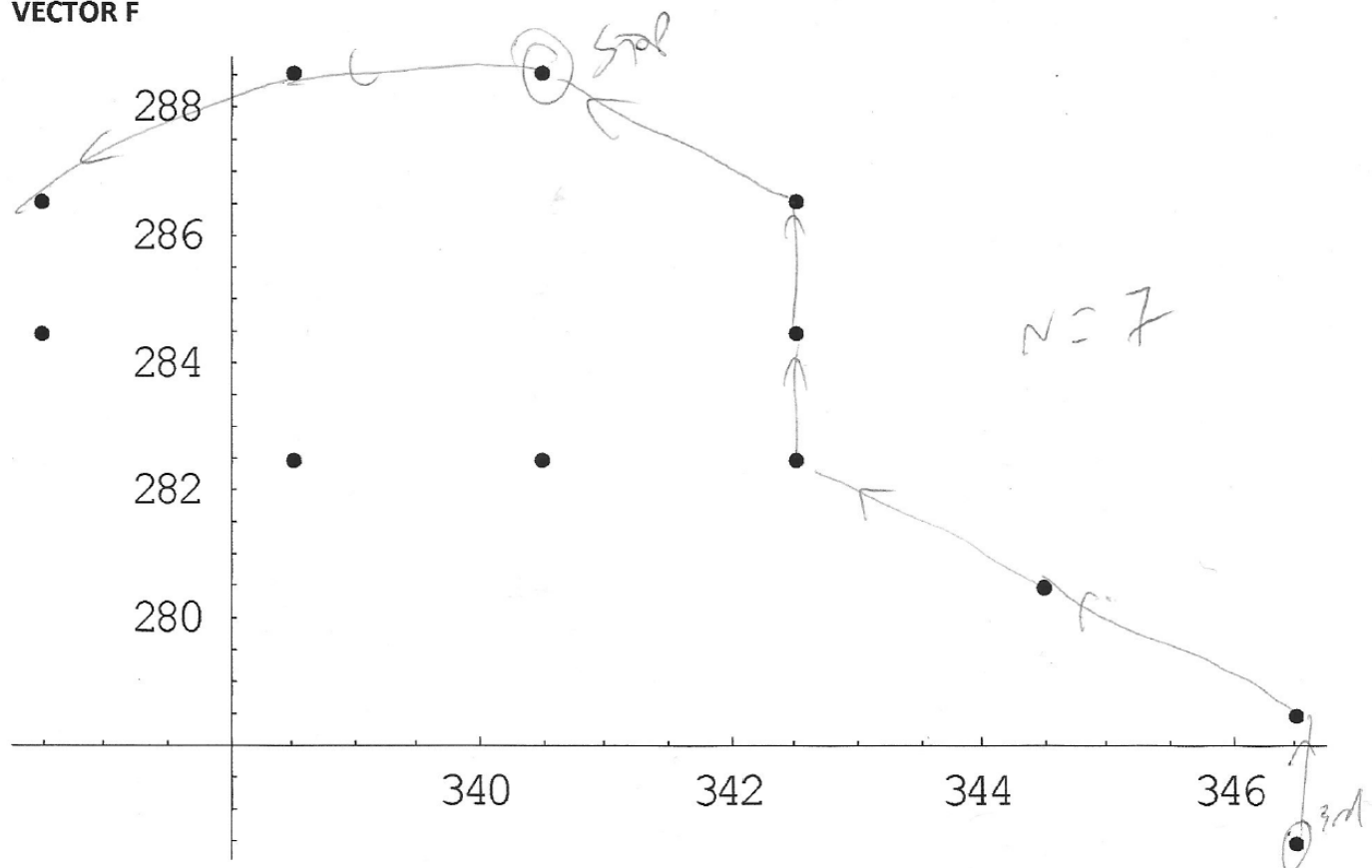


c+f vectors (lobe)

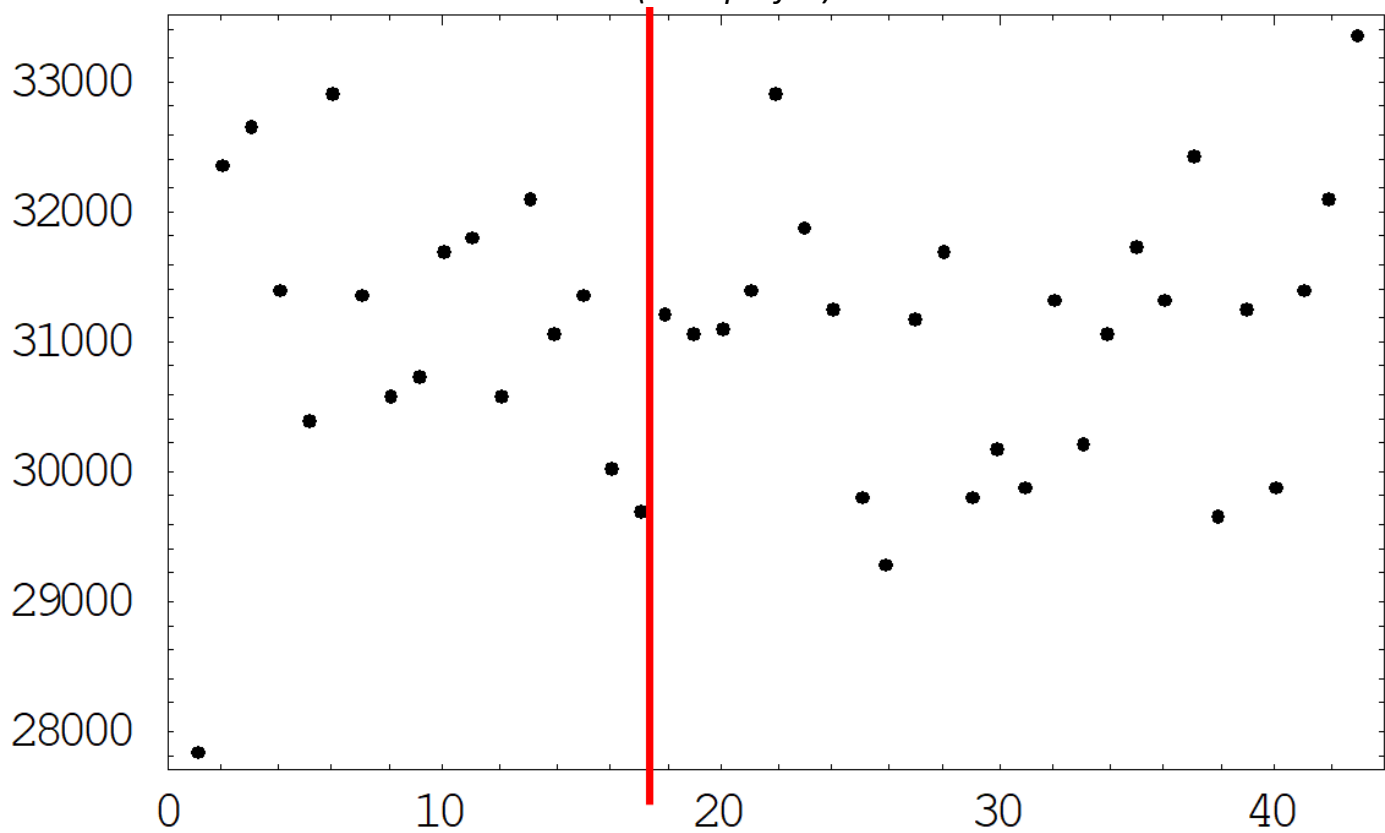
VECTOR C



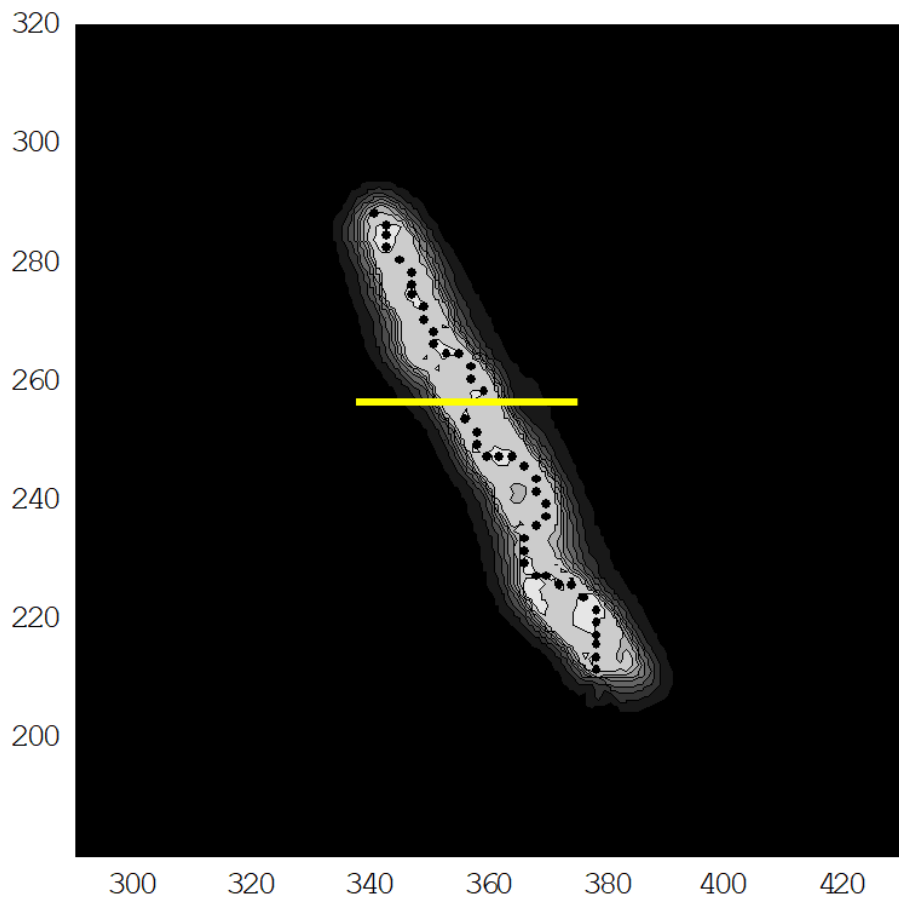
VECTOR F



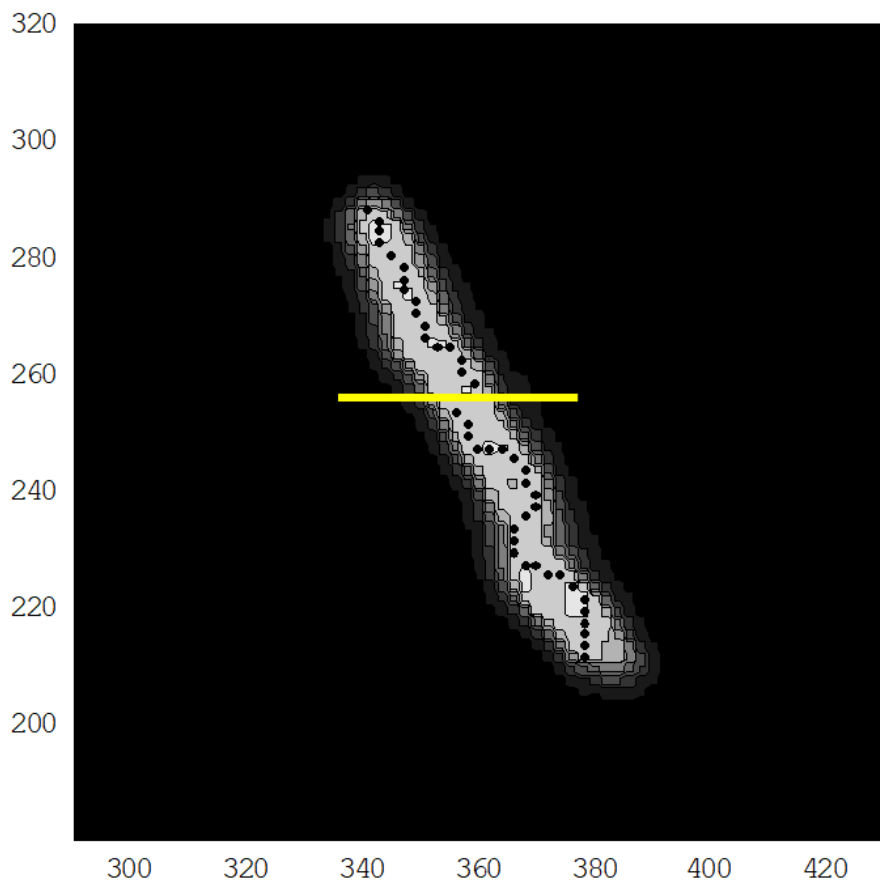
Trail (ADU profile)



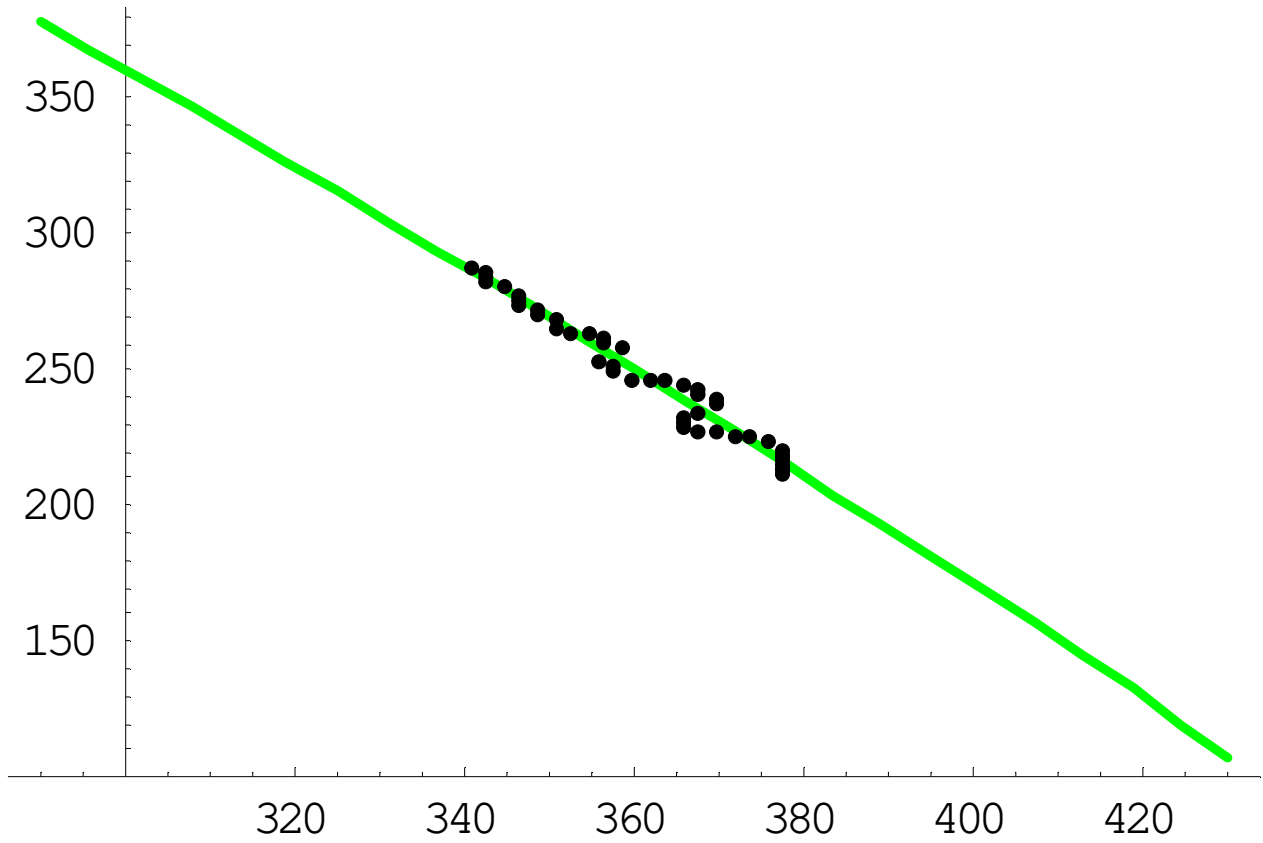
Trail + Contour 1x1



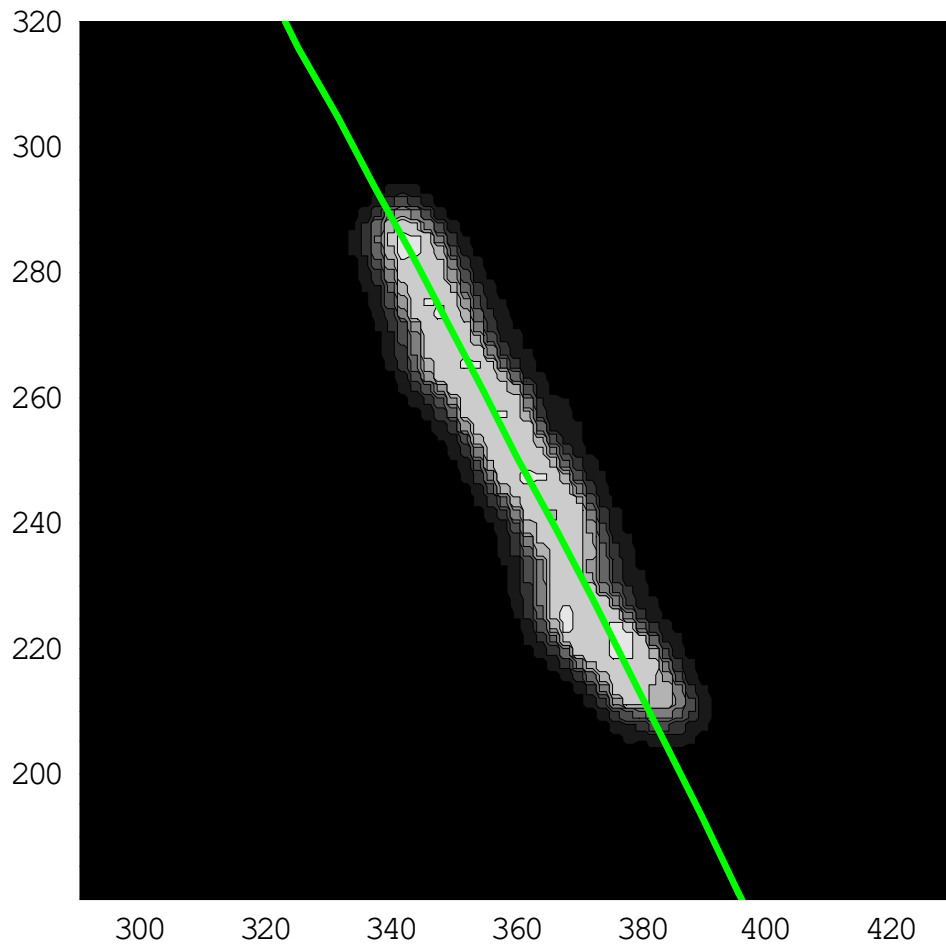
Trail + Contour 2x2



Circle '+' Fit



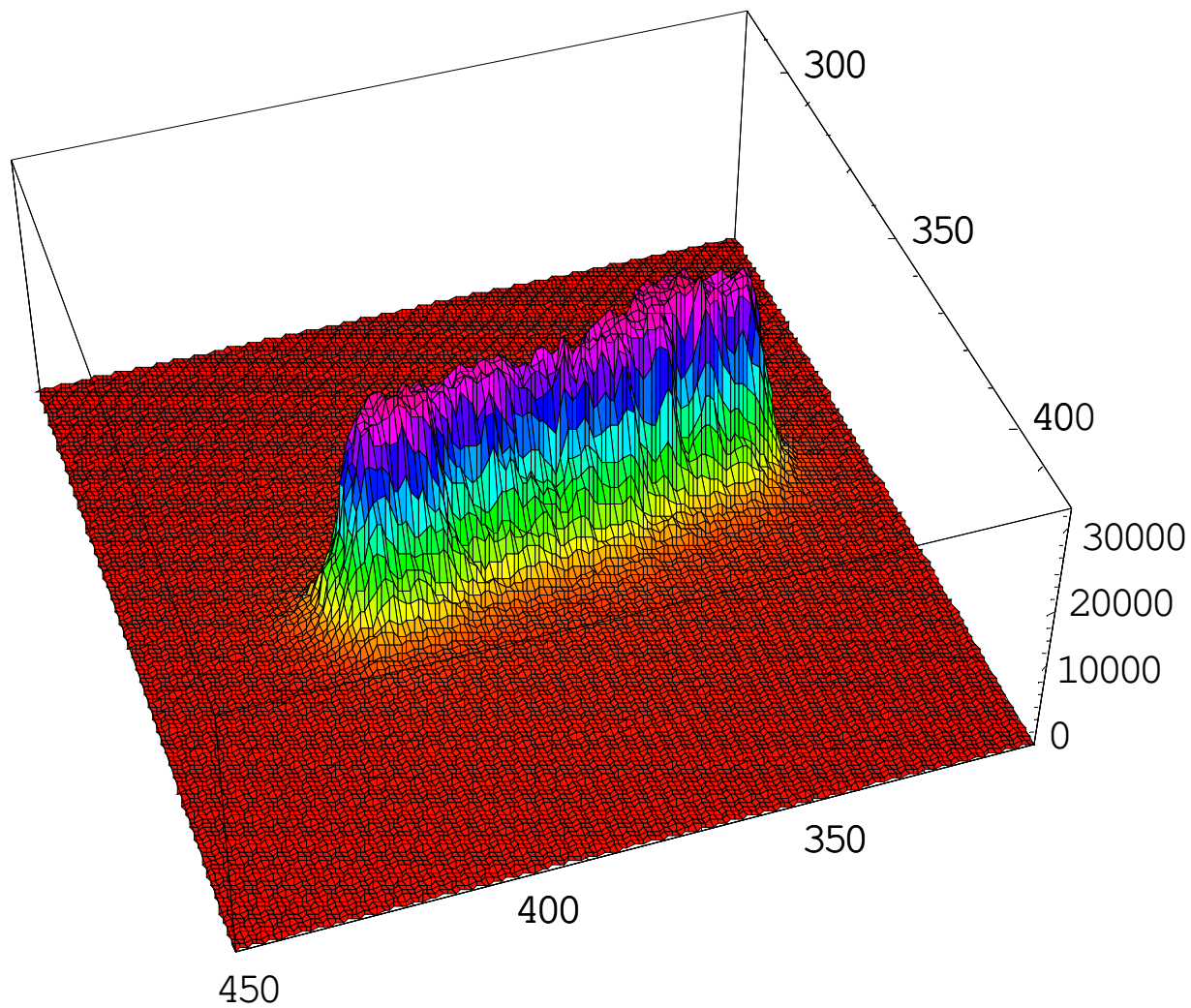
Circle '+' Fit on path



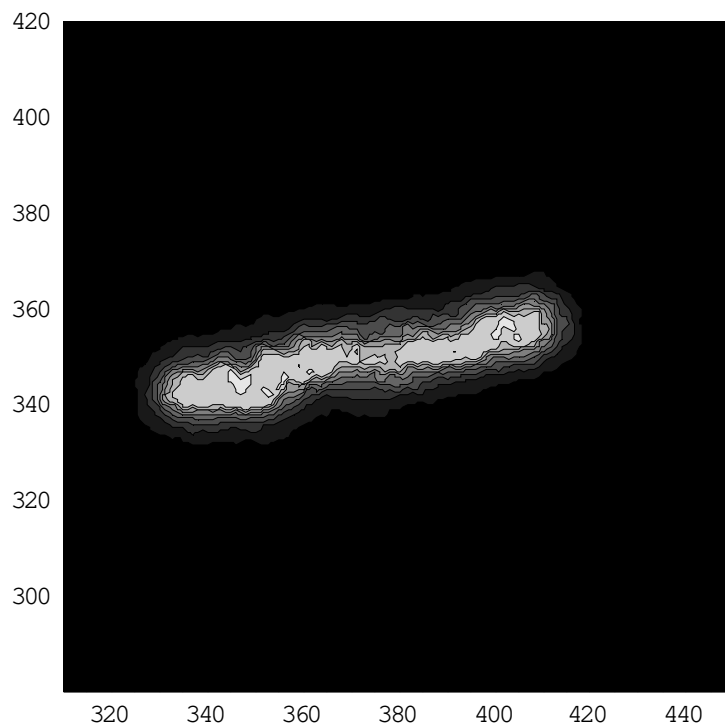
17-12-2008

A1 – JUNCAL (with “lobe work”)

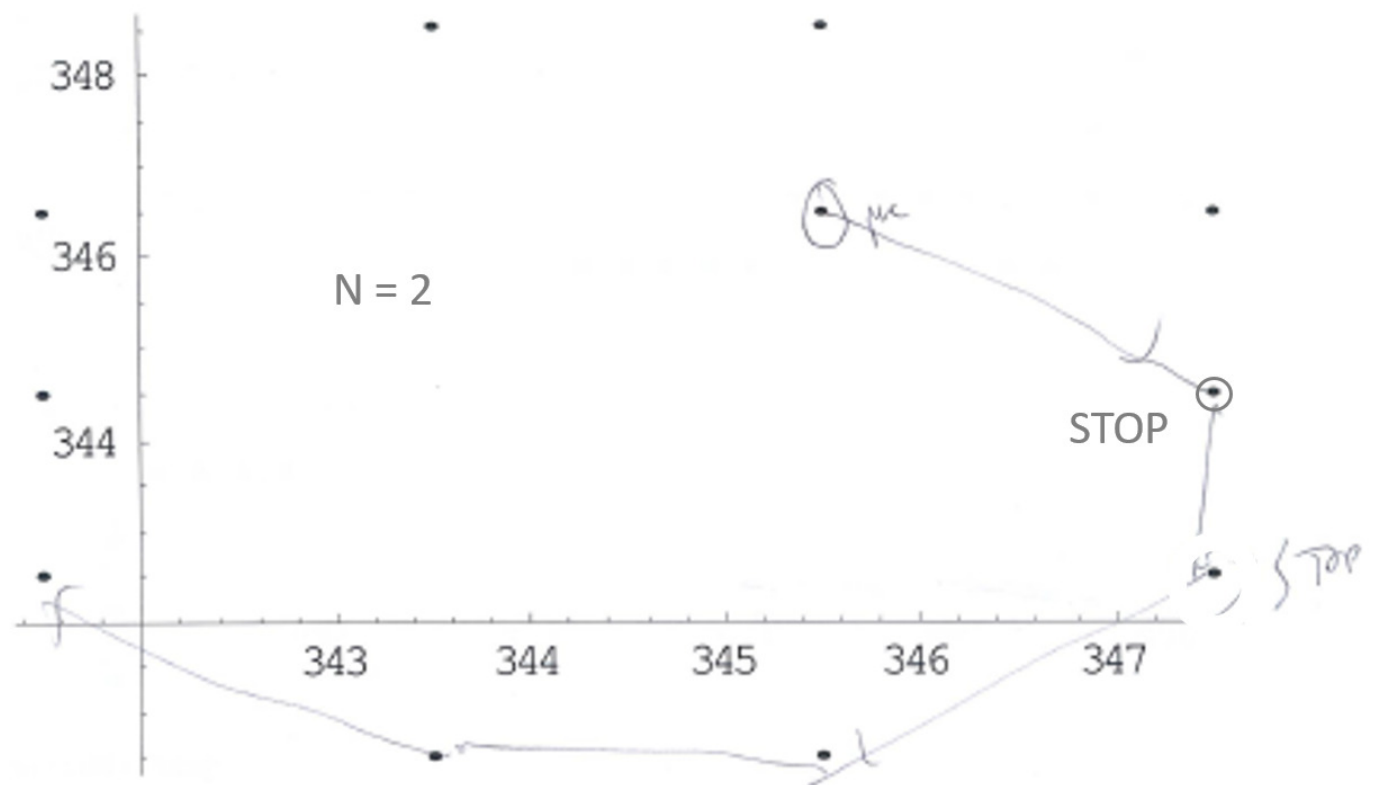
Trail 3D

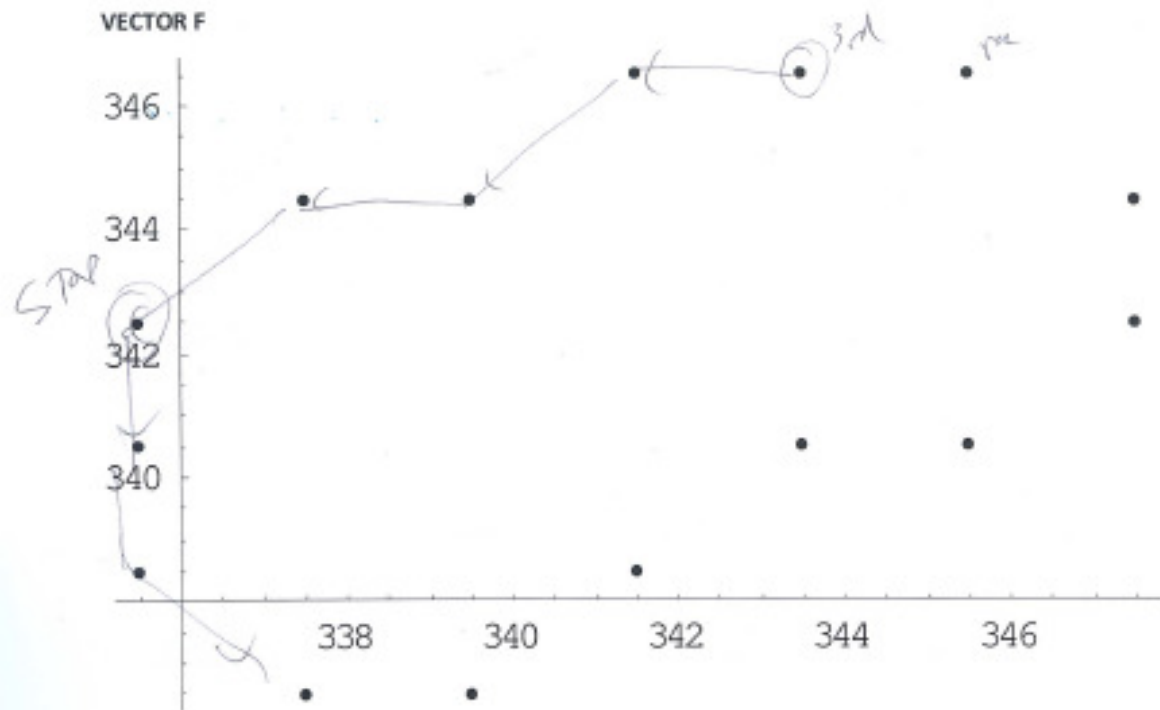


Contour 1x1



VECTOR C



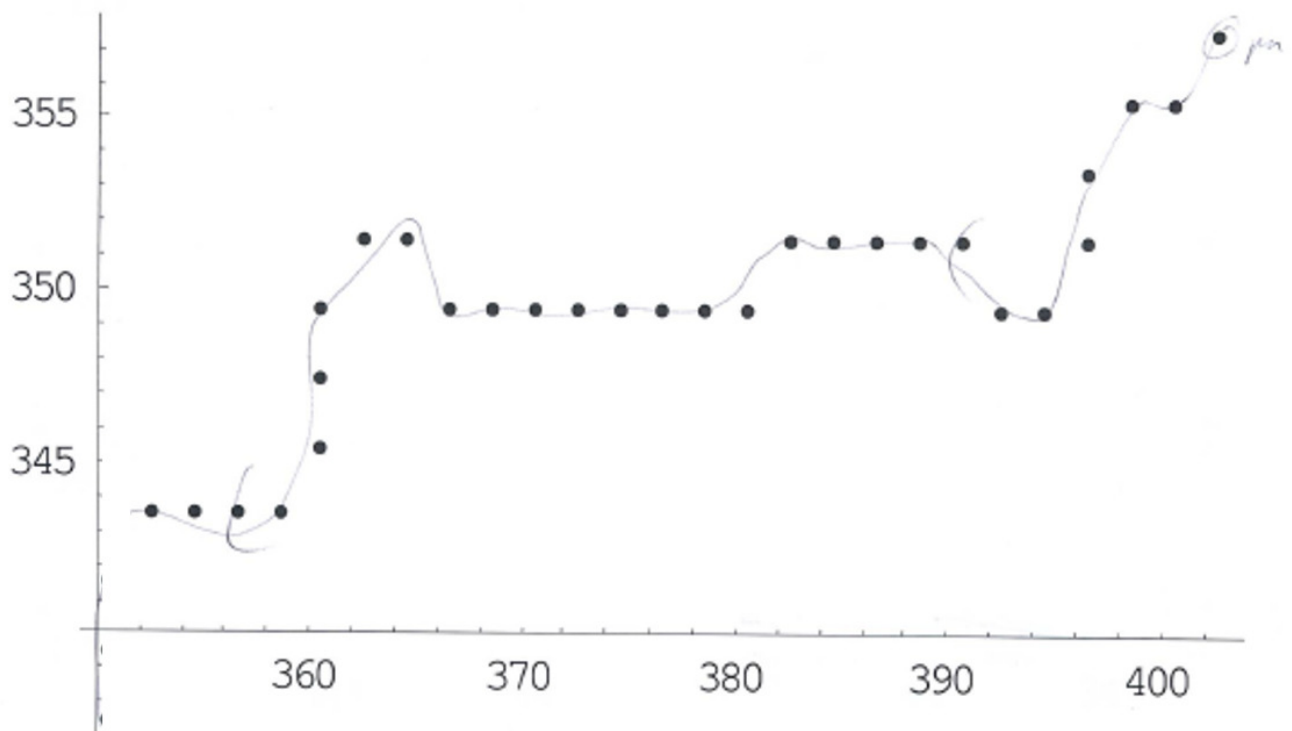


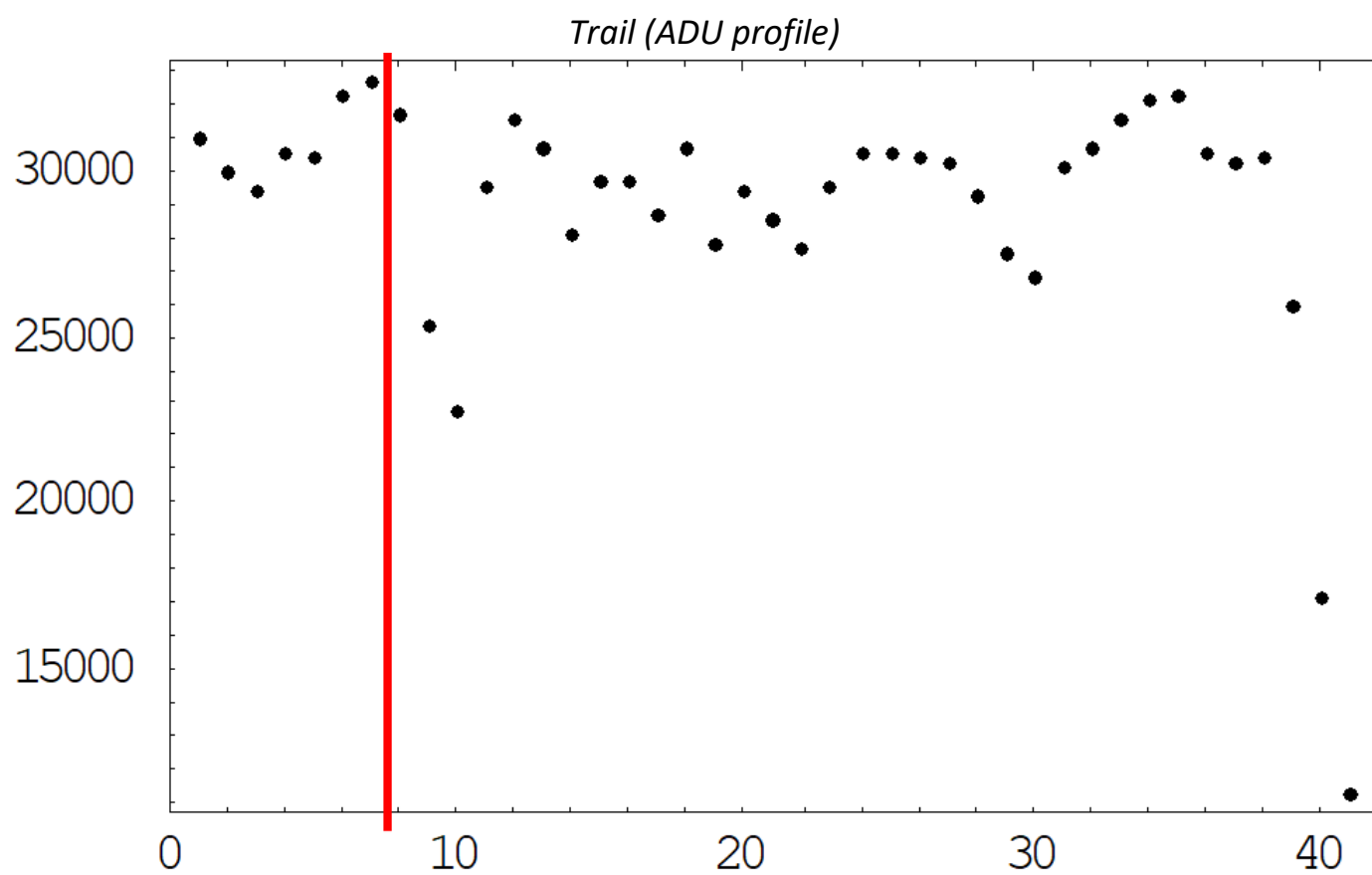
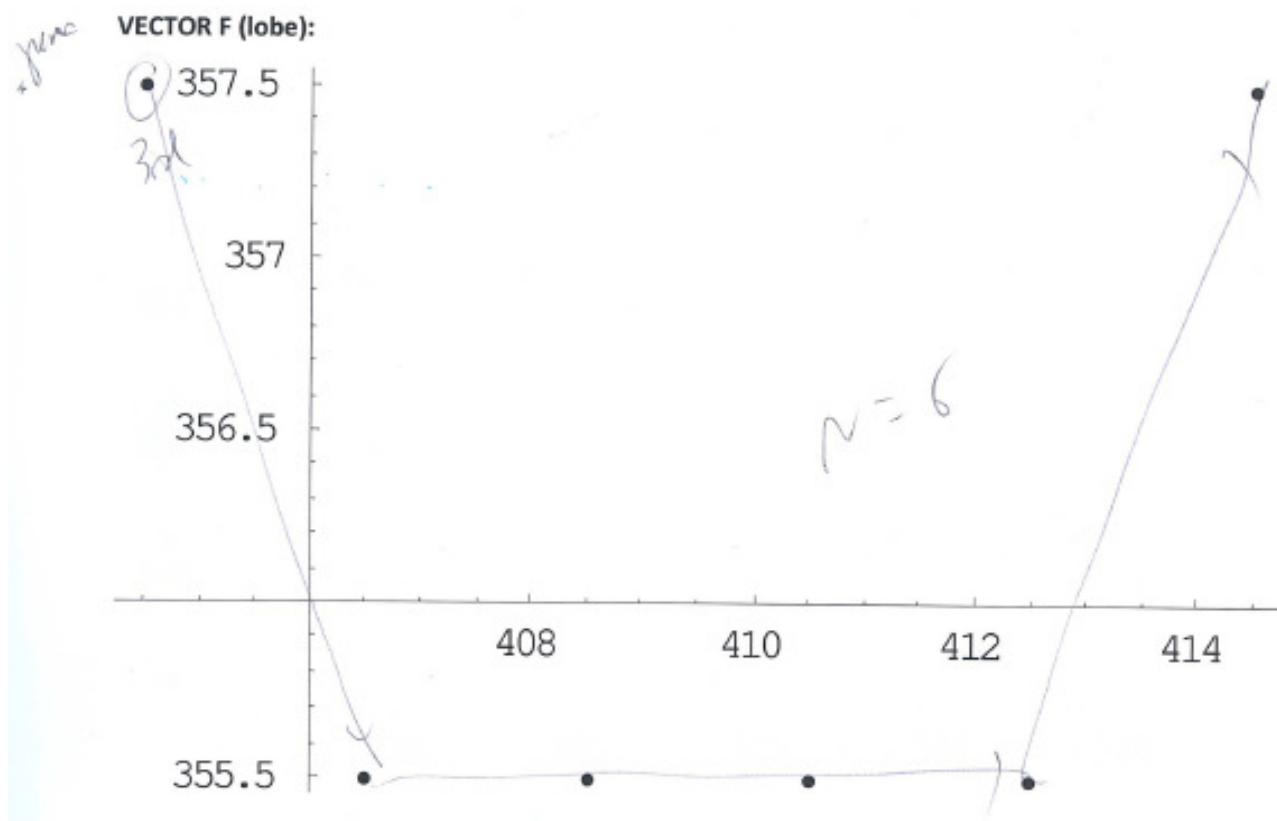
$N = 5$

c+f vectors (lobe)

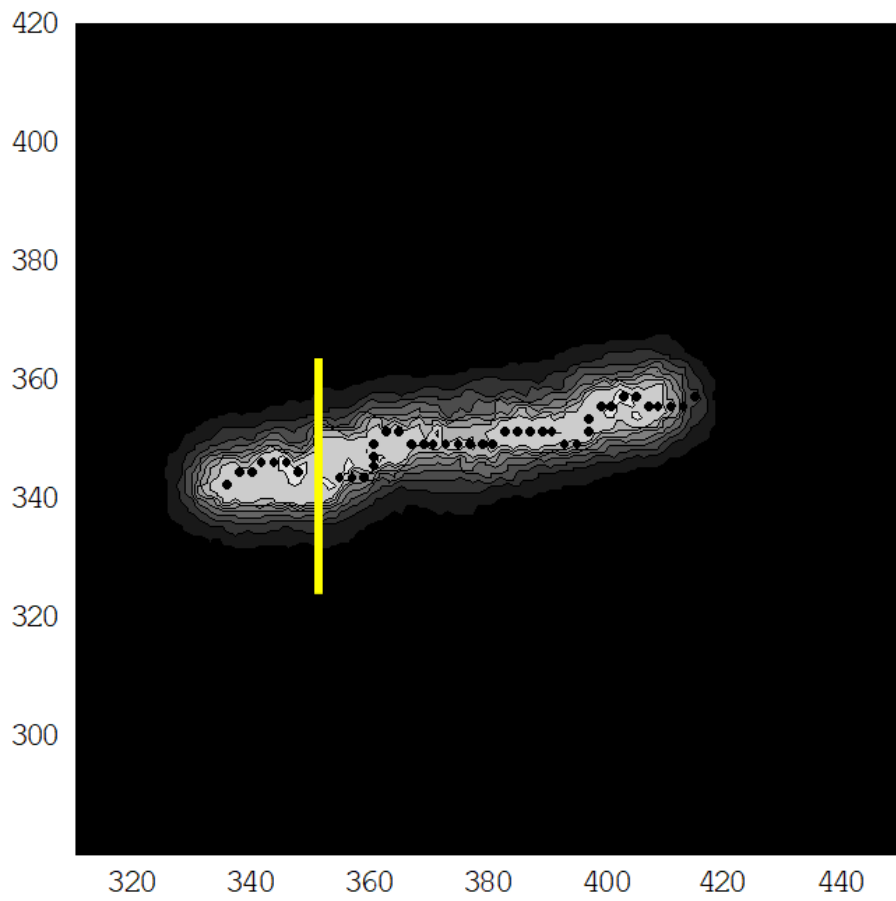
VECTOR C (lobe):

$N = 29$

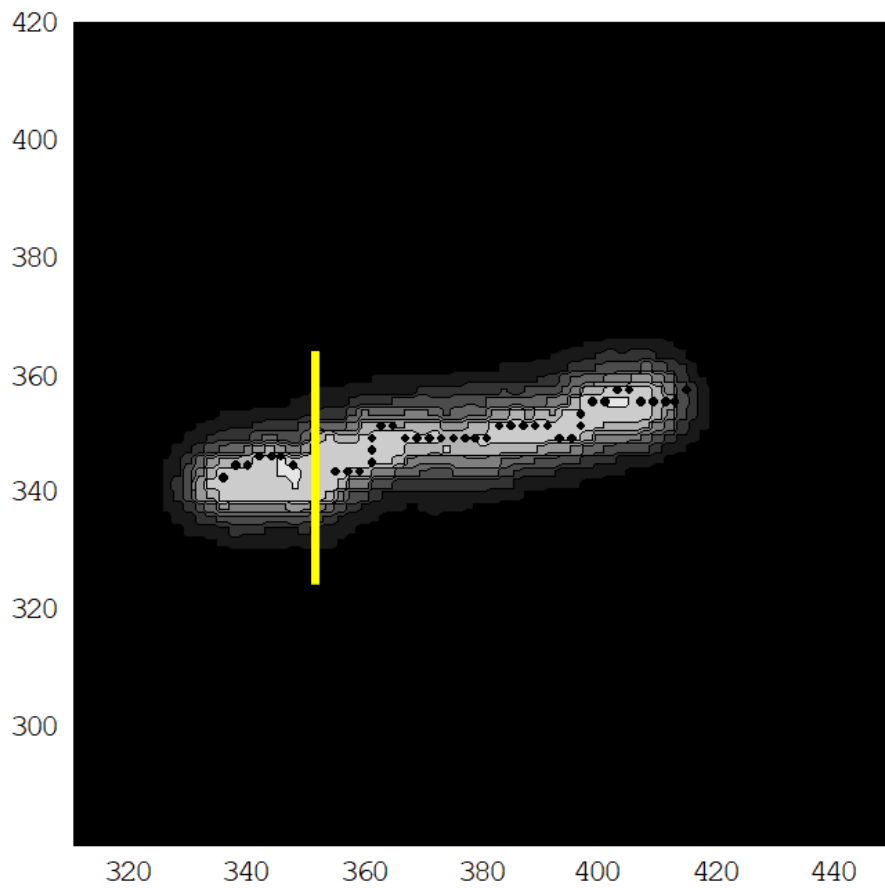




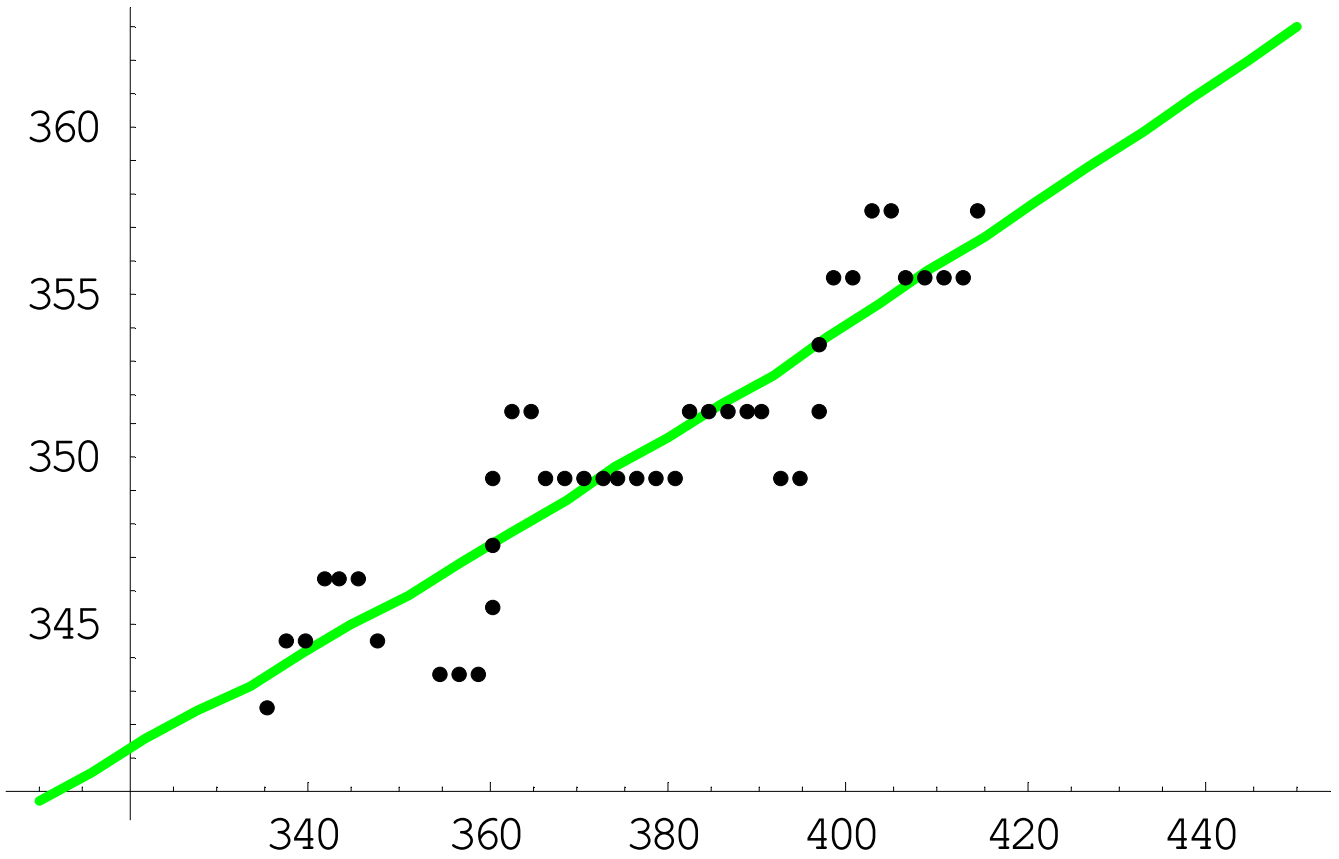
Trail + Contour 1x1



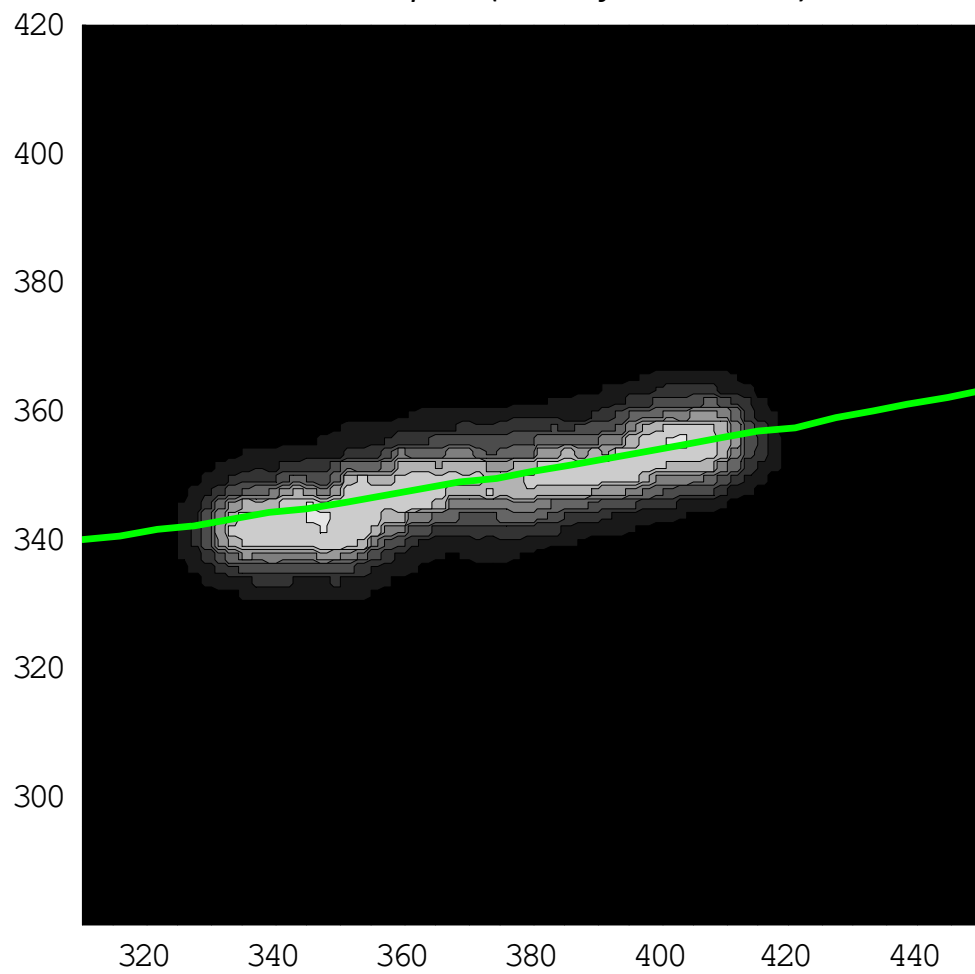
Trail + Contour 2x2



Circle '-' Fit



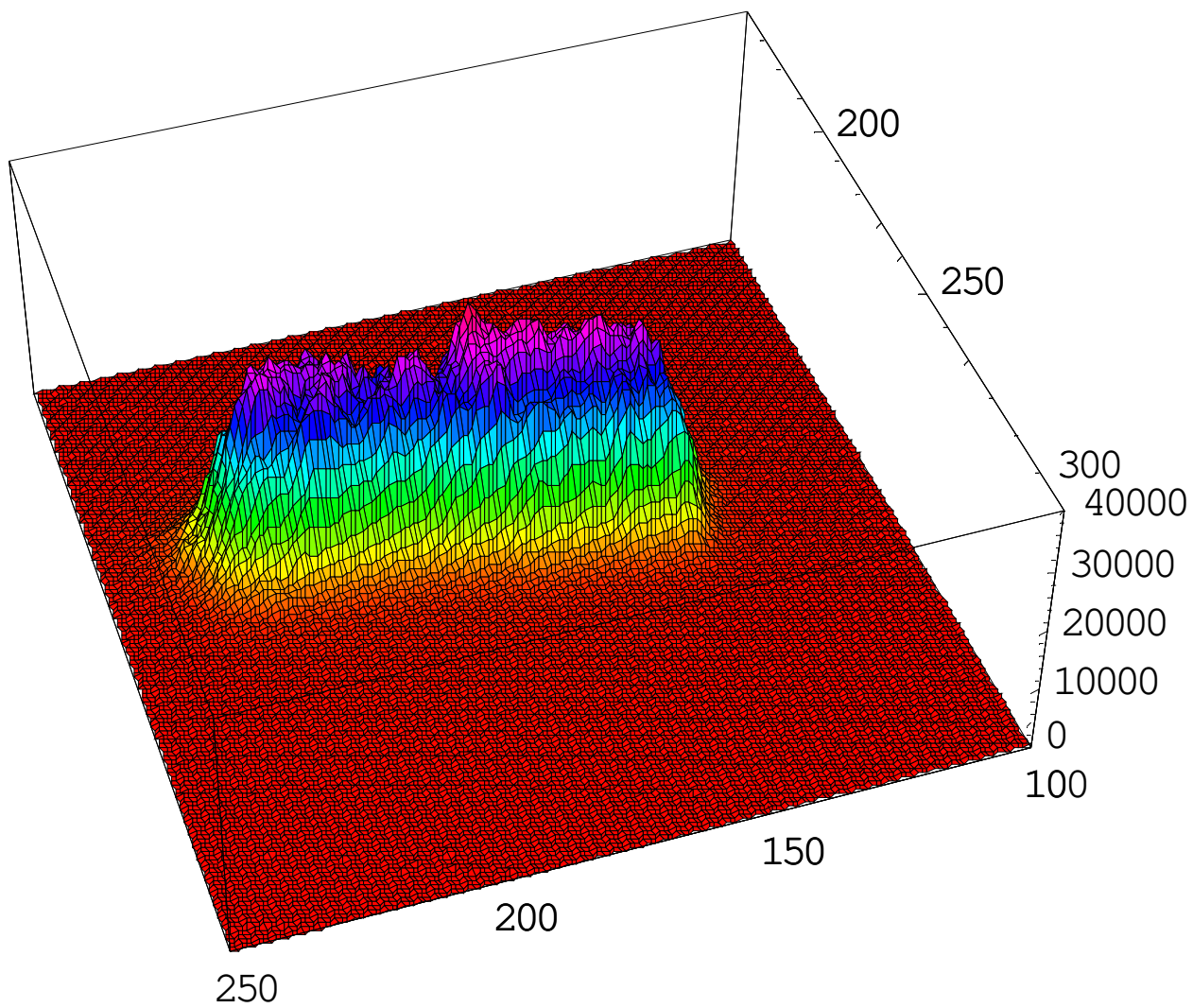
Circle '-' Fit on path (better for curvature)



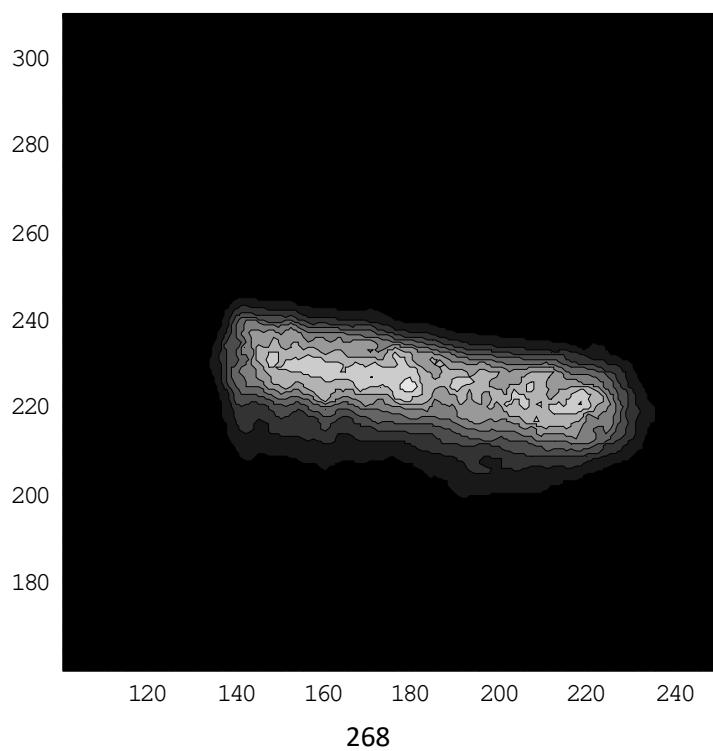
09-01-2009

A1 – JUNCAL (with “lobe work”)

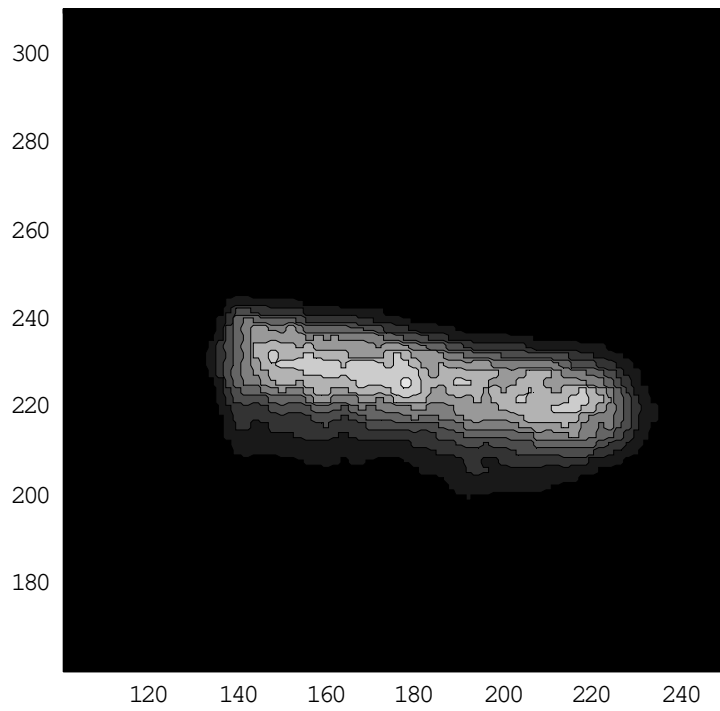
Trail 3D



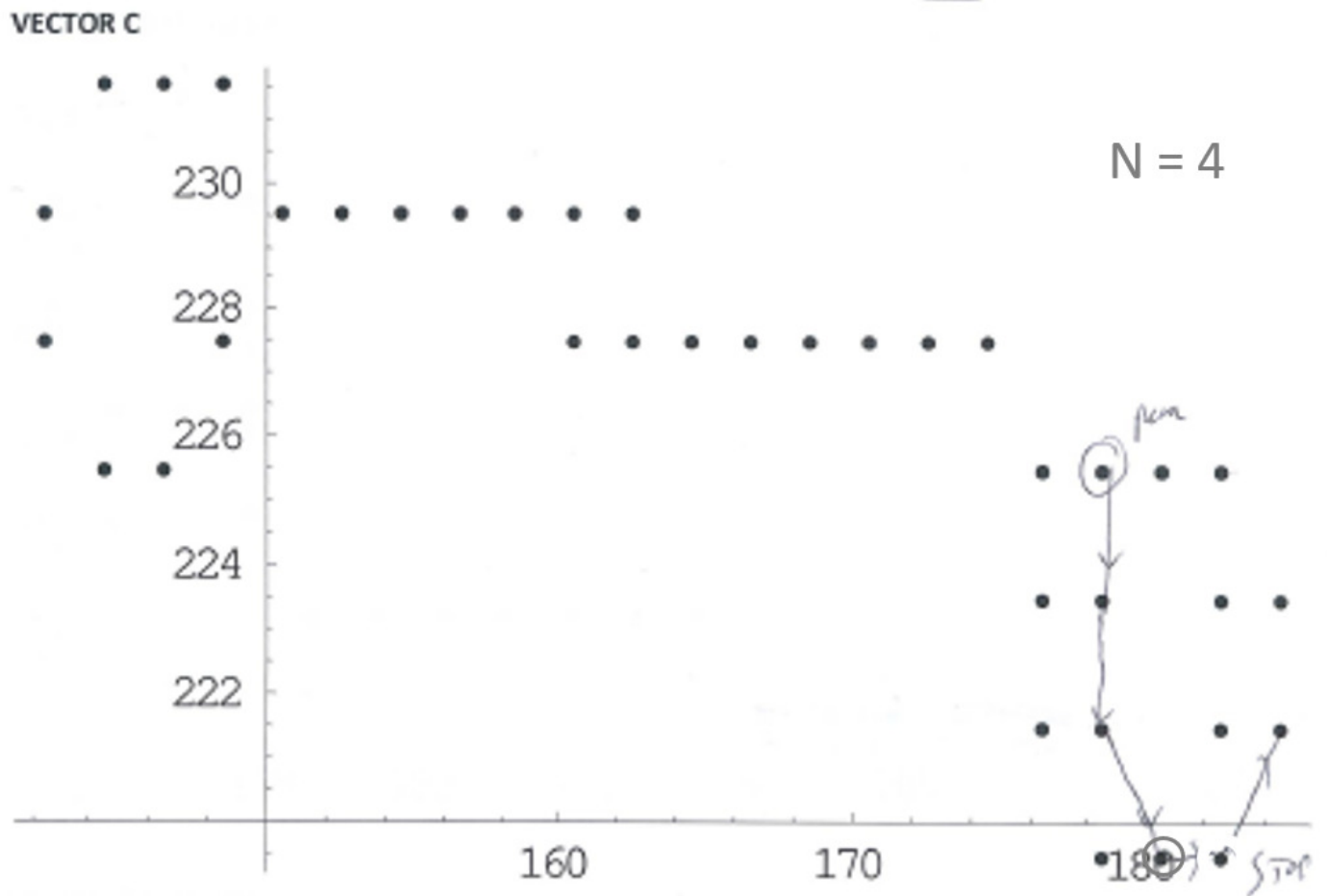
Contour 1x1

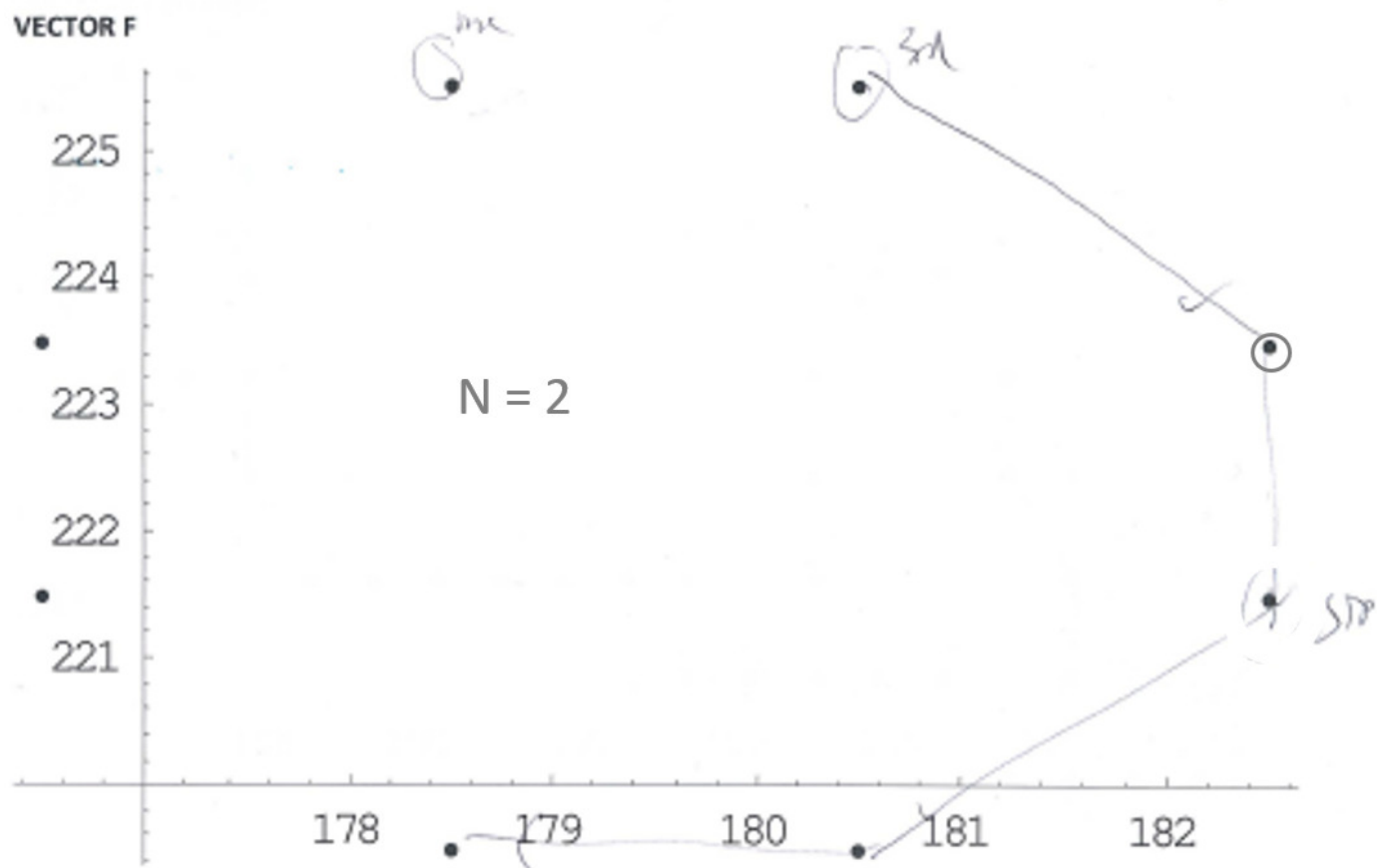


Contour 2x2

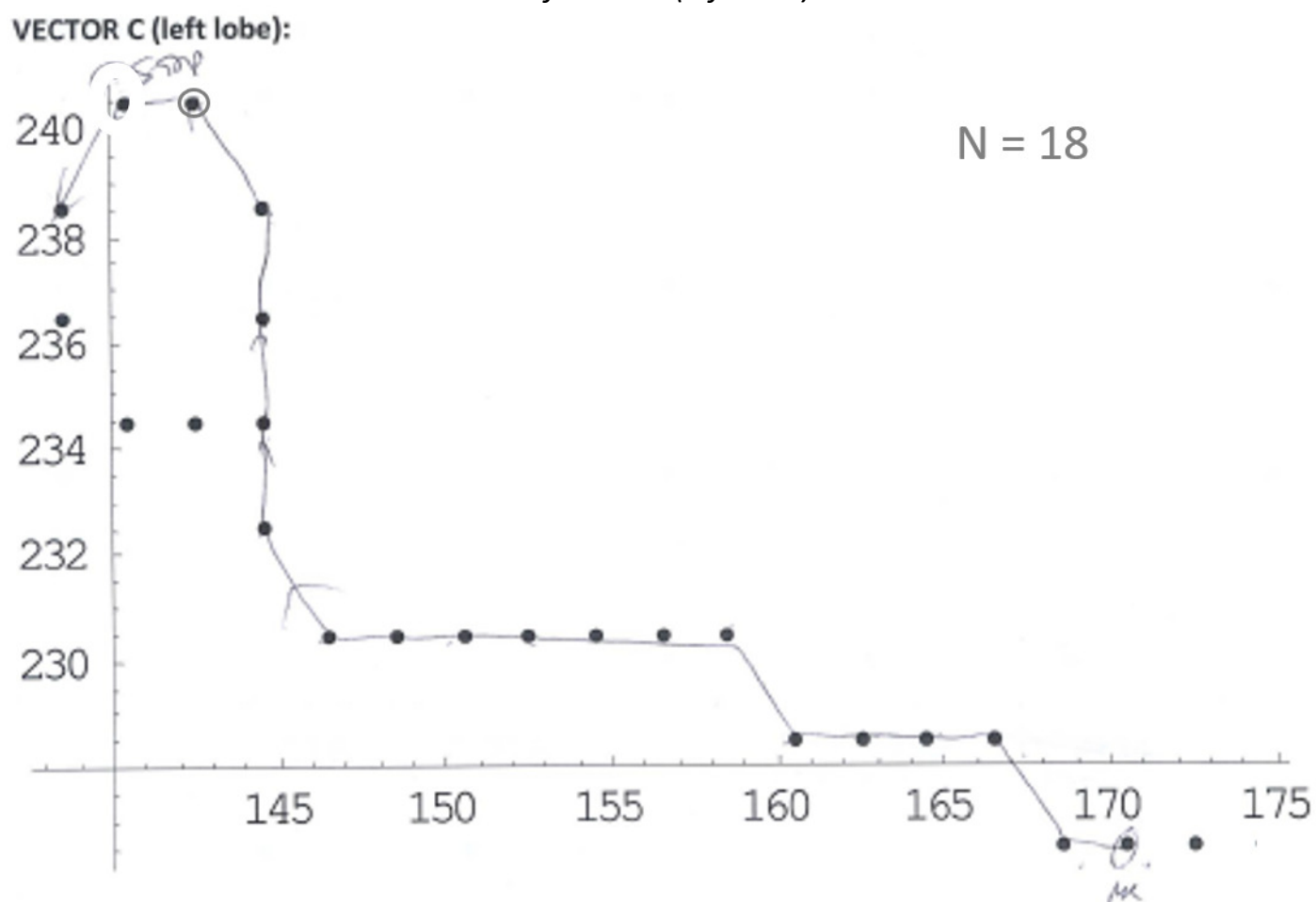


c+f vectors (main)

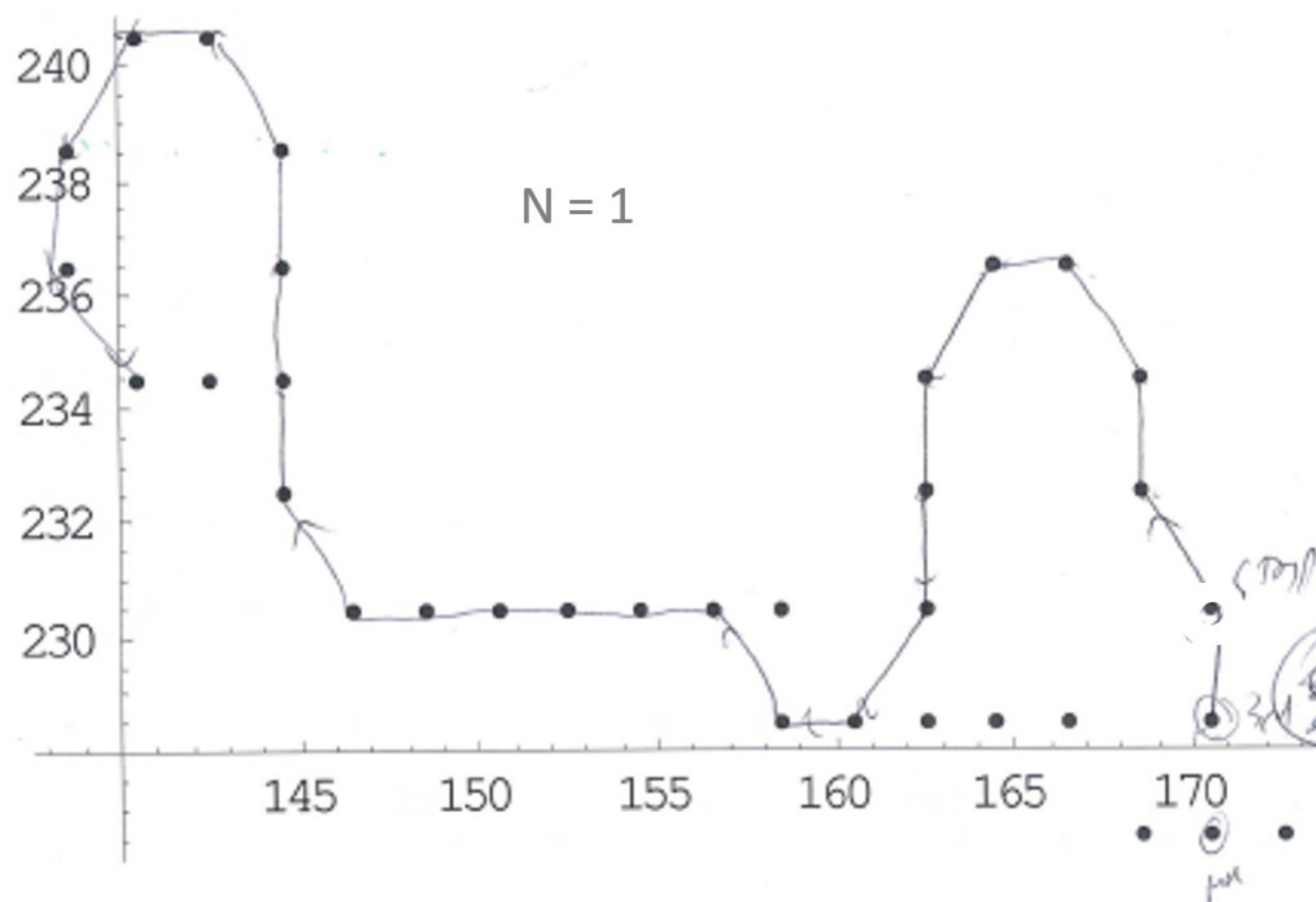




c+f vectors (left lobe)

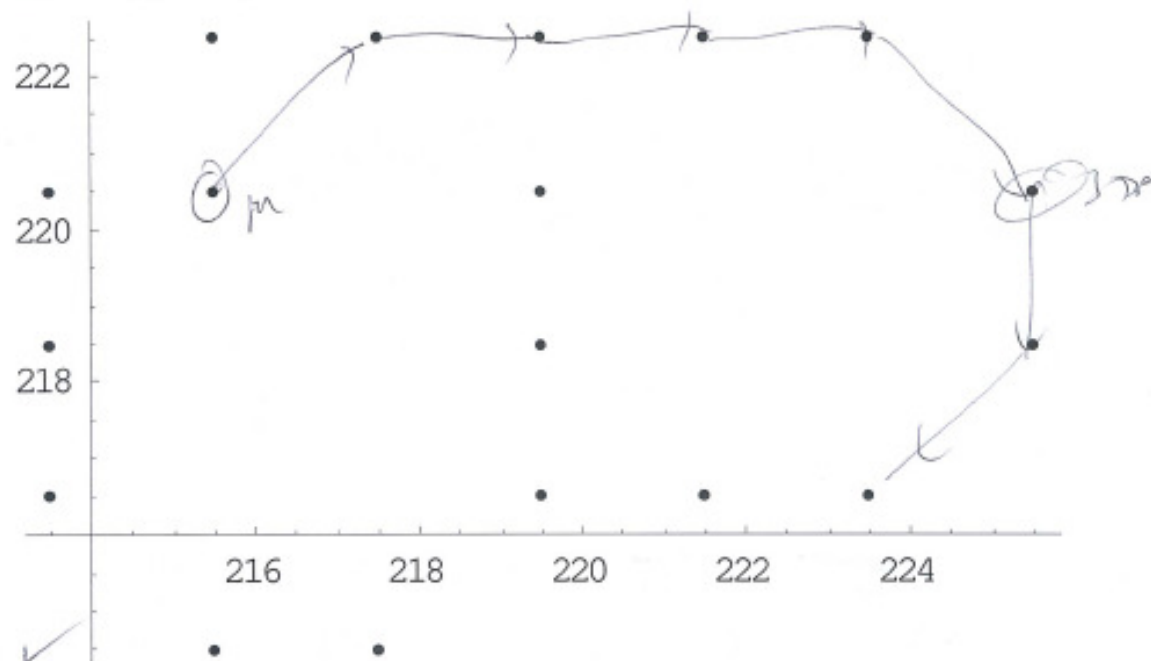


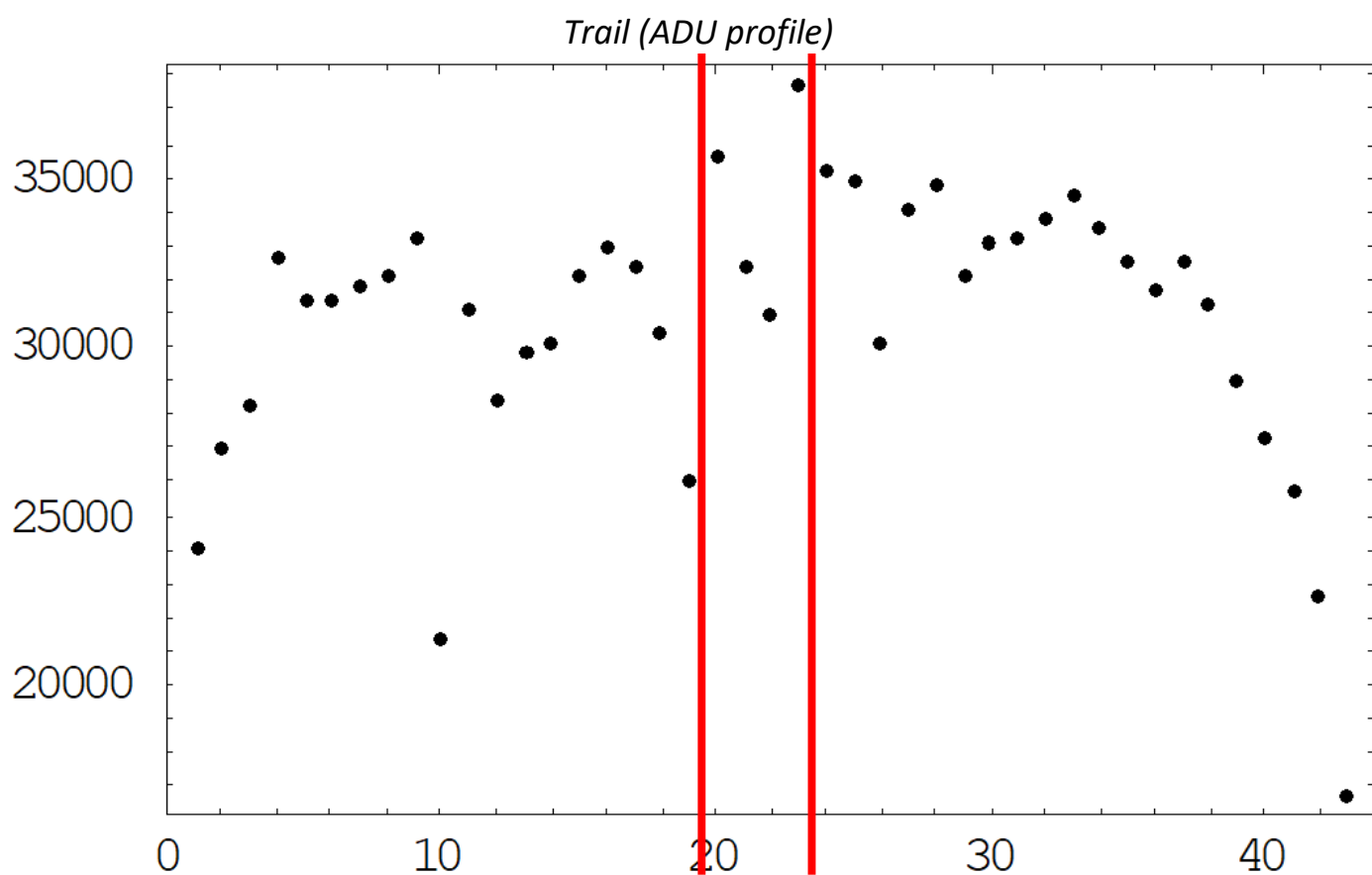
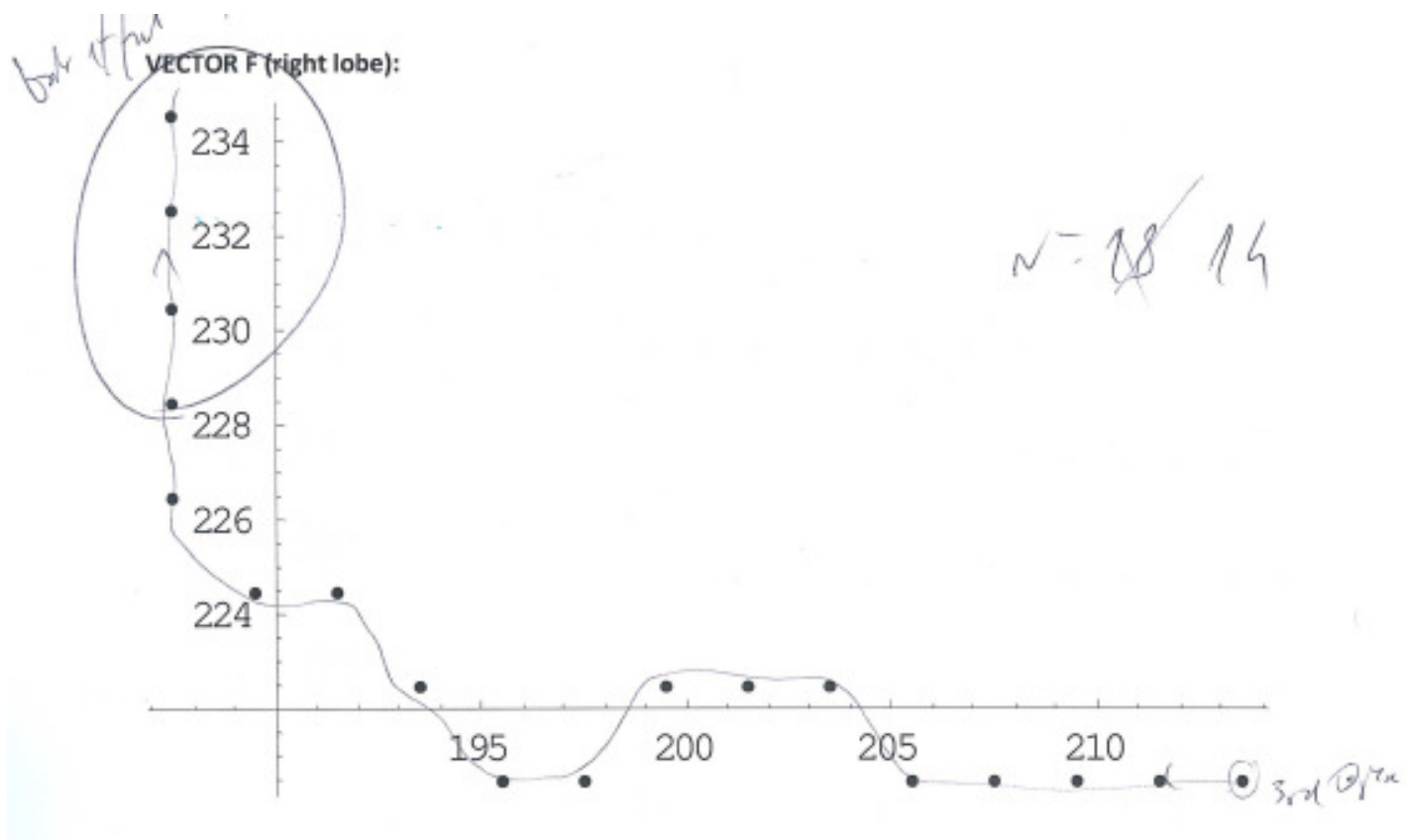
VECTOR F (left lobe):



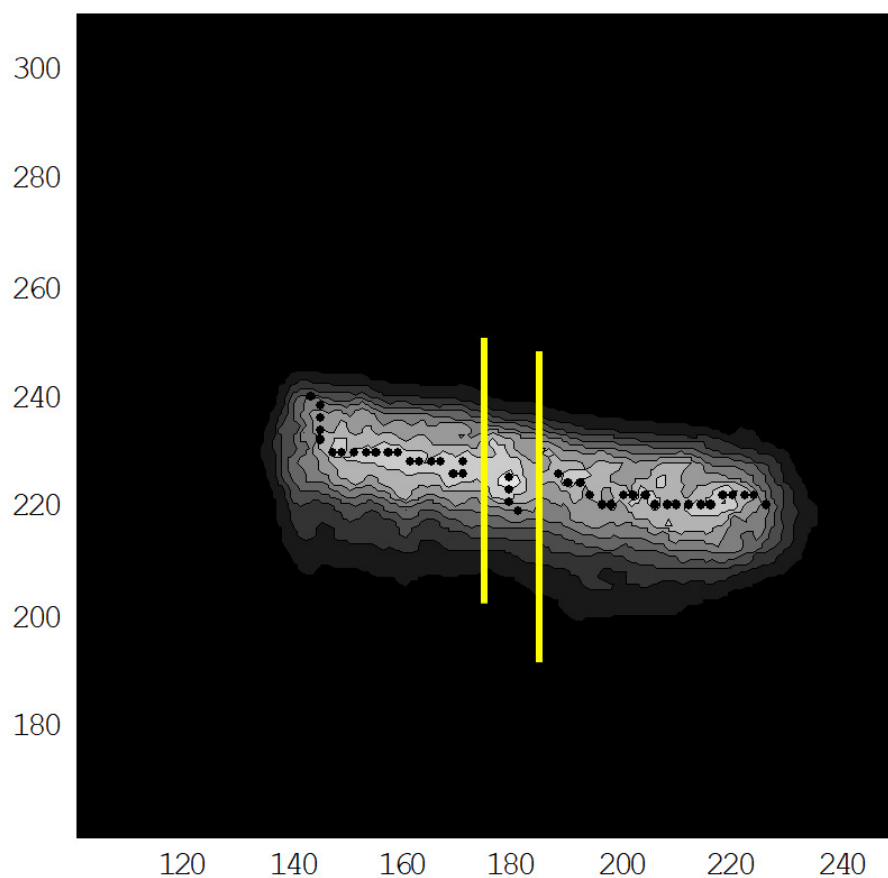
c+f vectors (right lobe)

VECTOR C (right lobe):

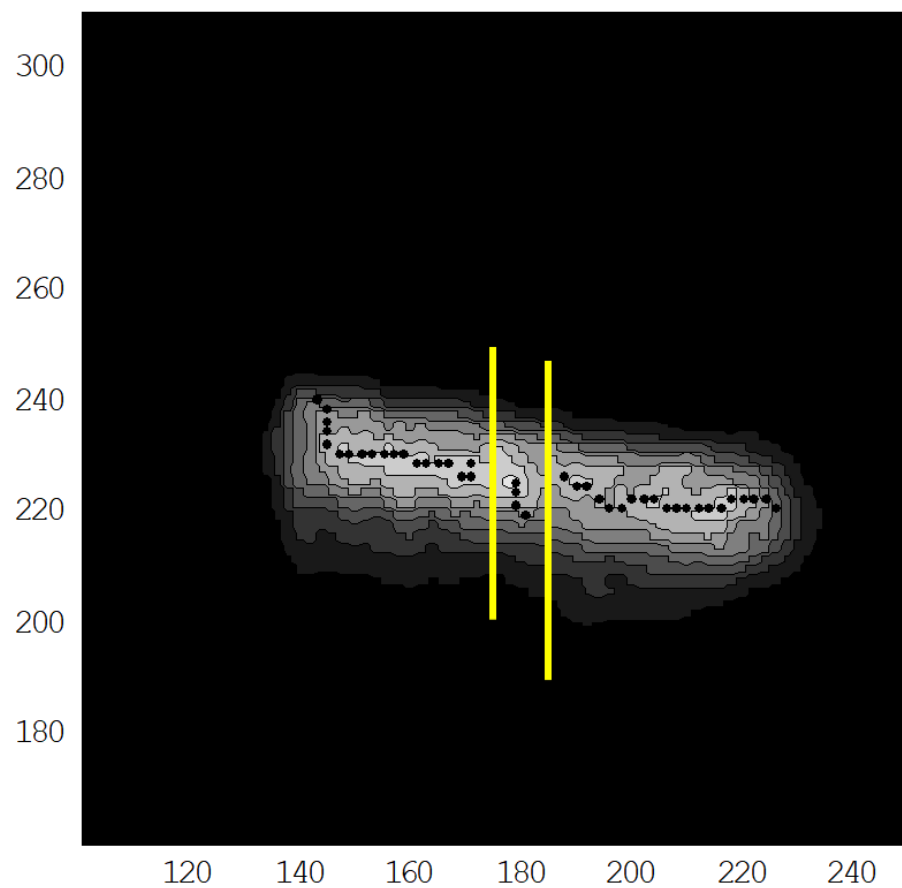




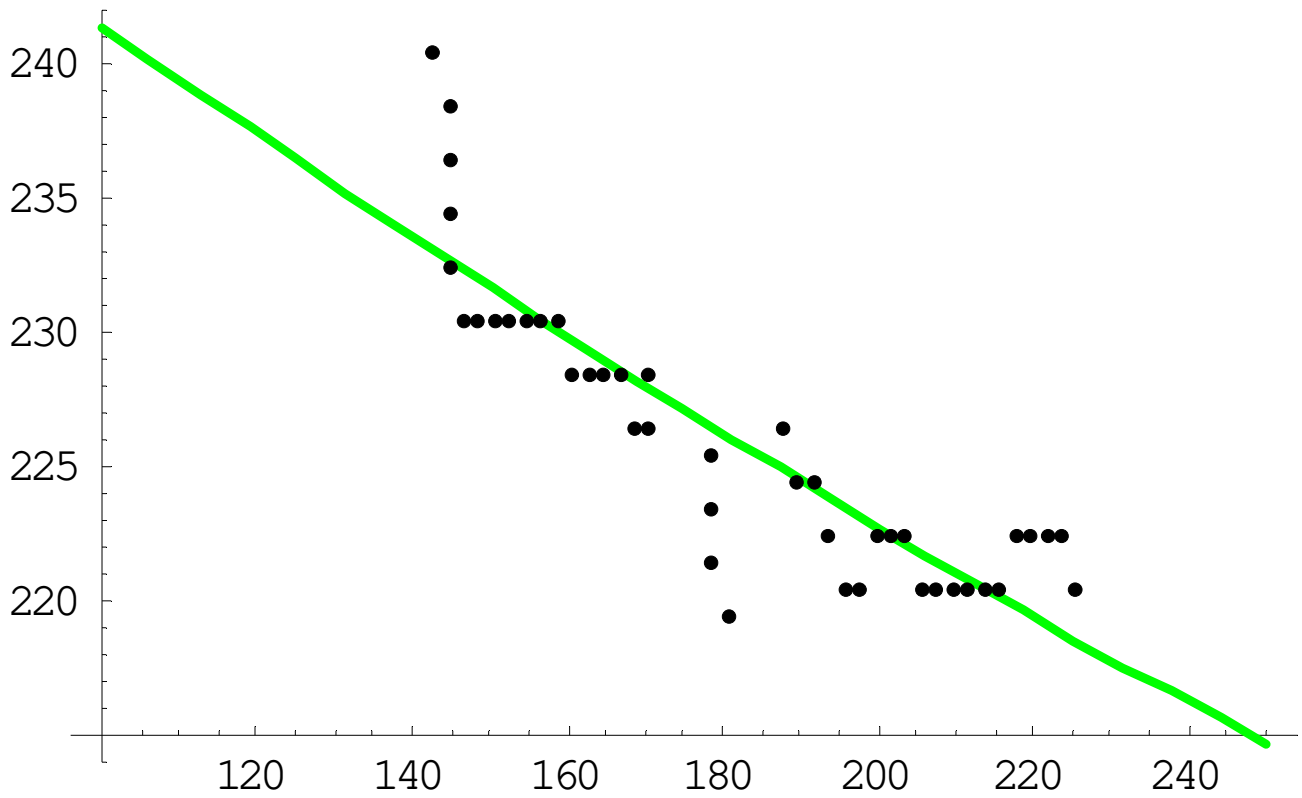
Trail + Contour 1x1



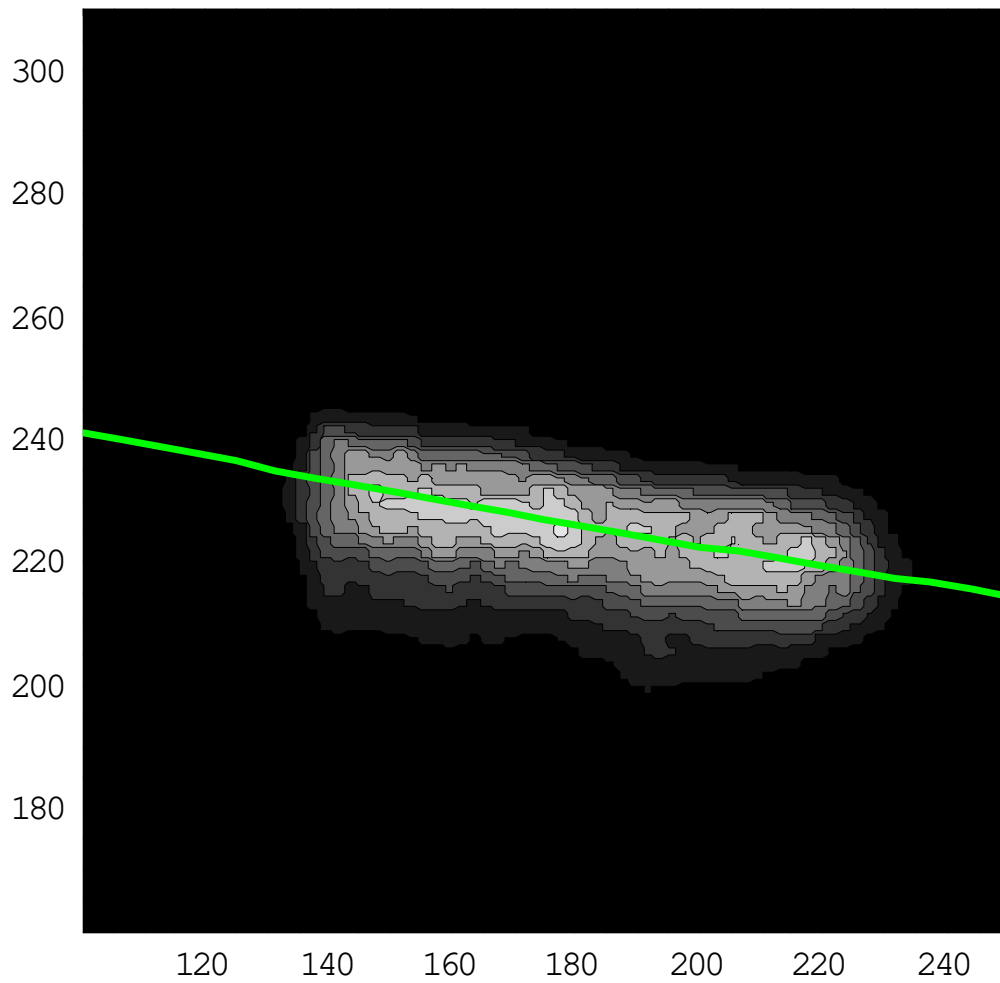
Trail + Contour 2x2



Circle '-' Fit



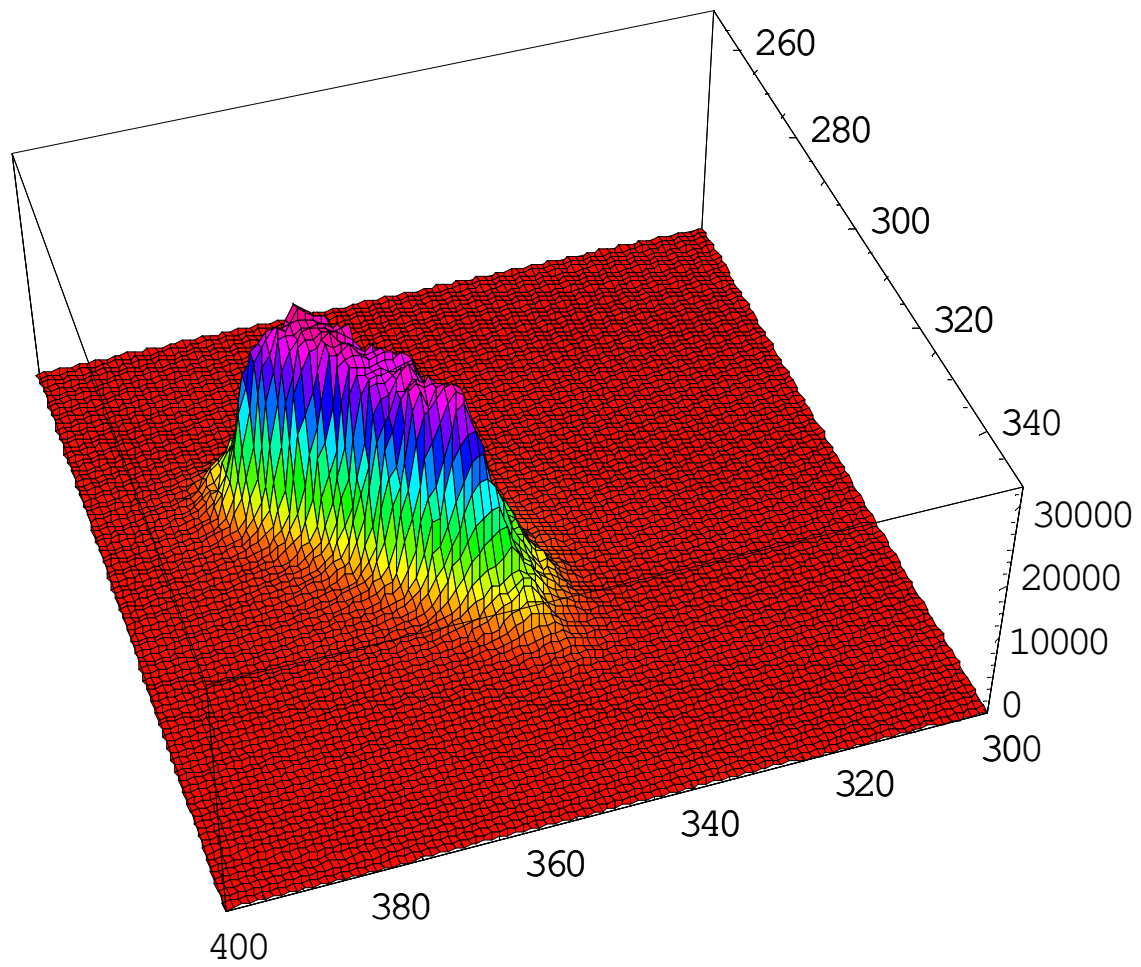
Circle '-' Fit on path (best for curvature)



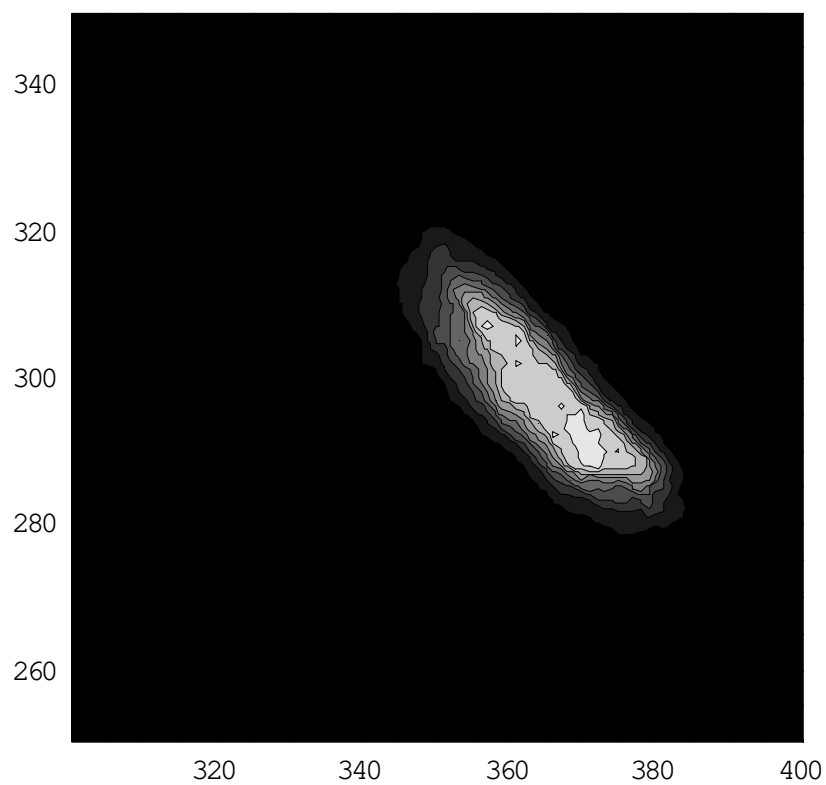
09-01-2009

A2 - ACHADA GRANDE

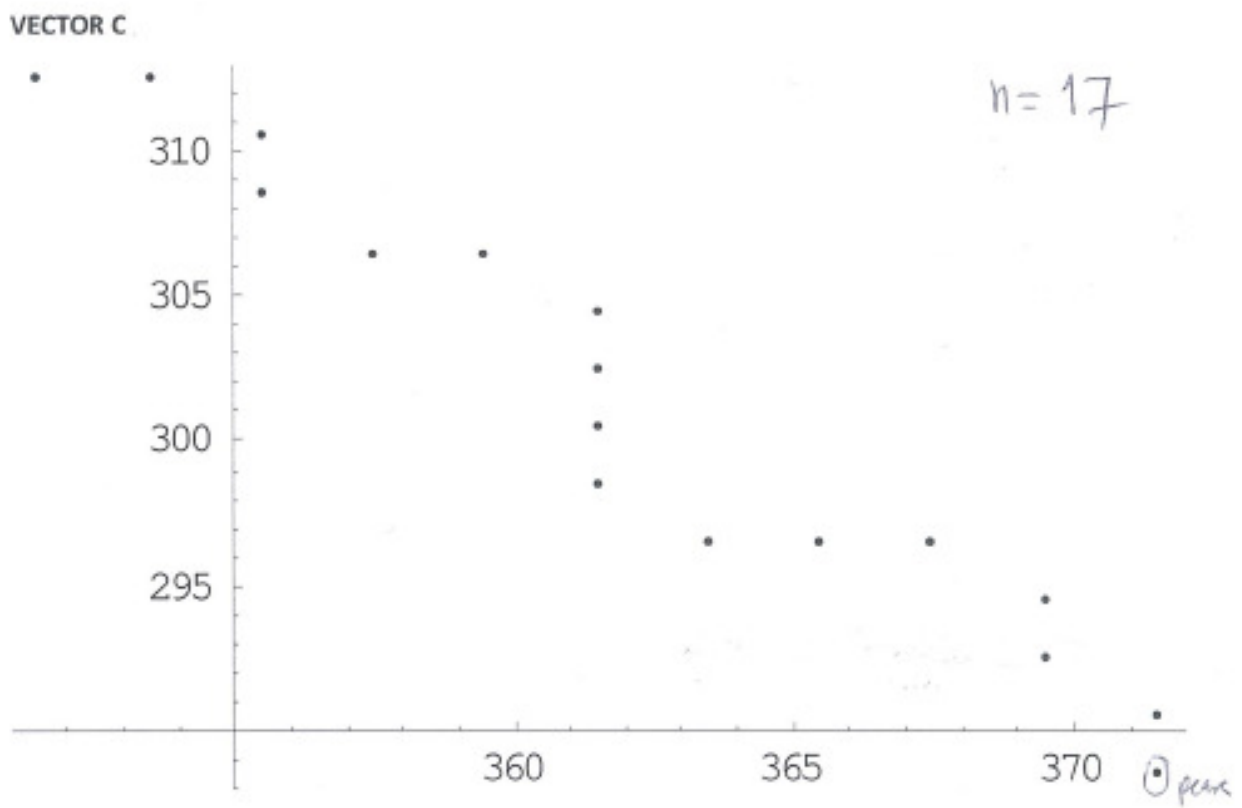
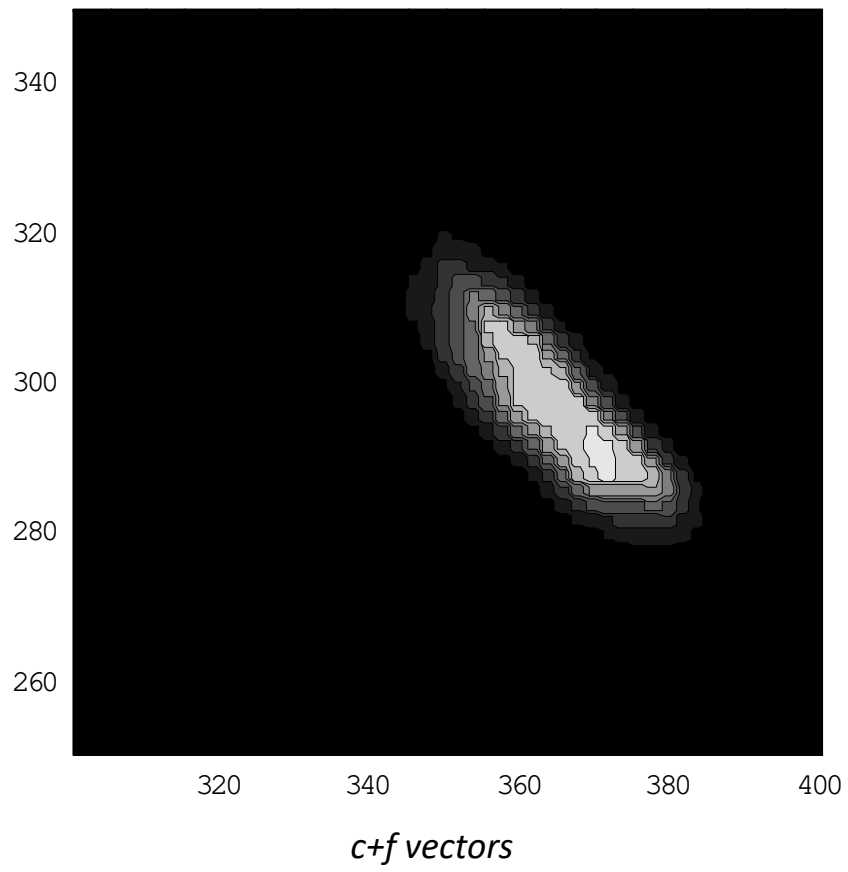
Trail 3D



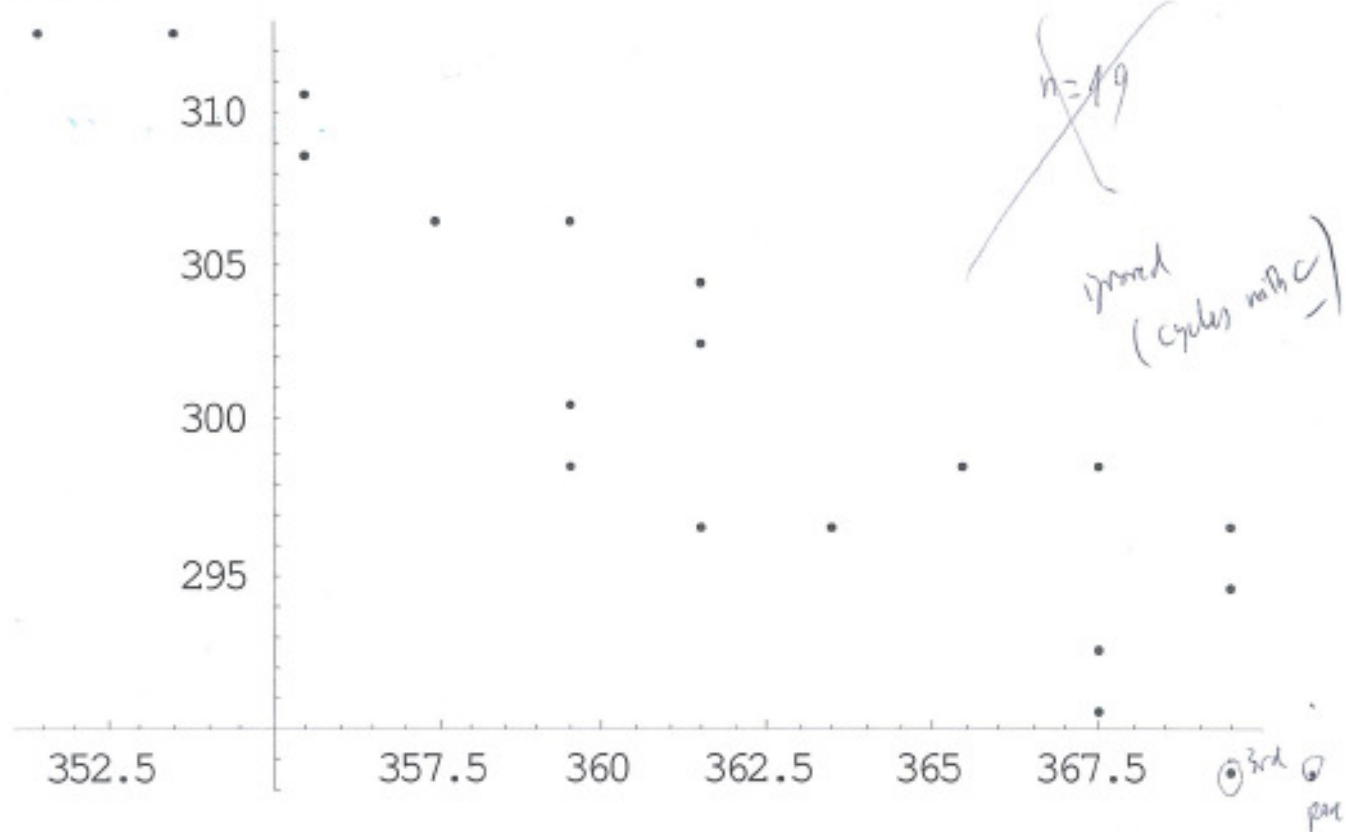
Contour 1x1



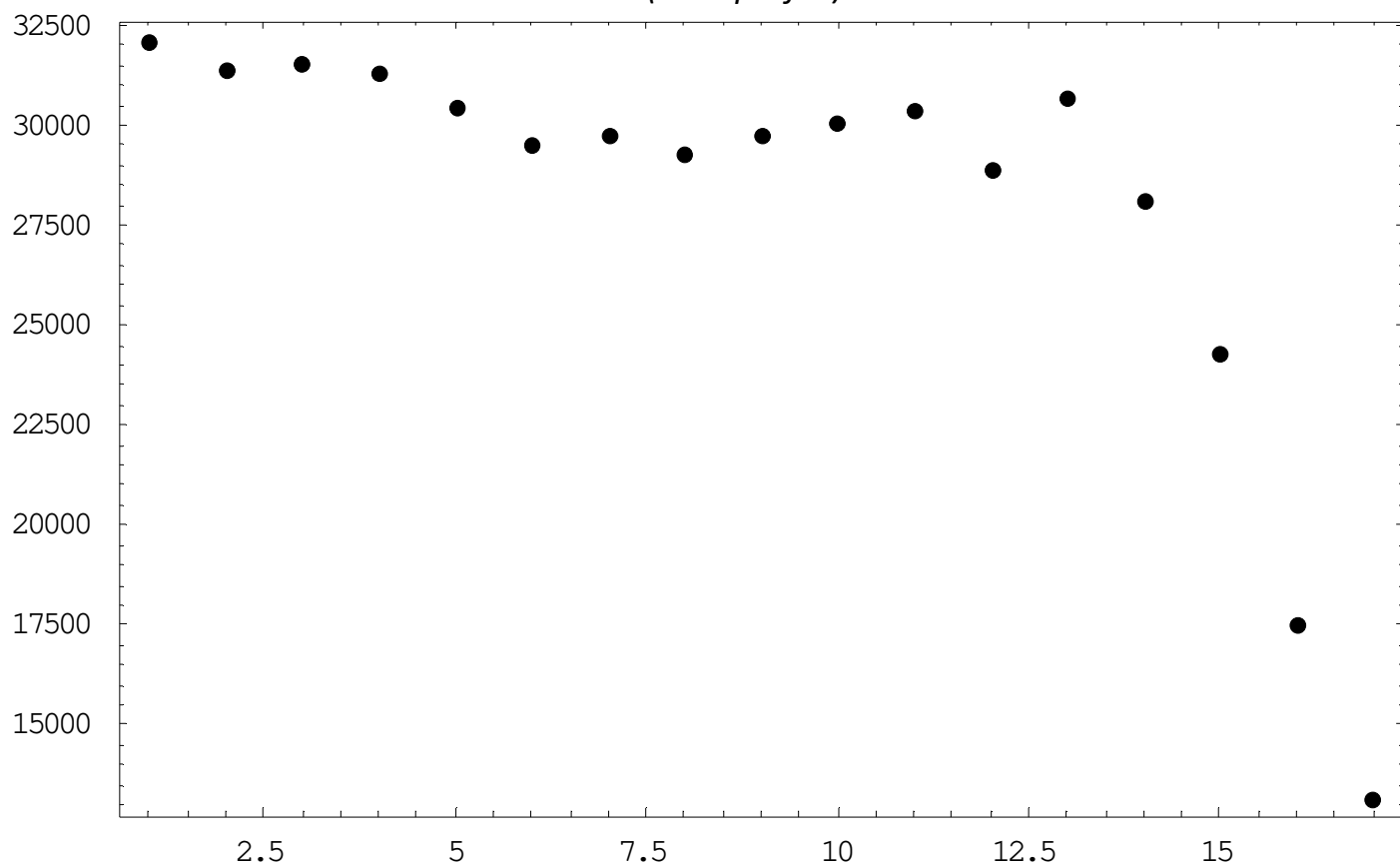
Contour 2x2



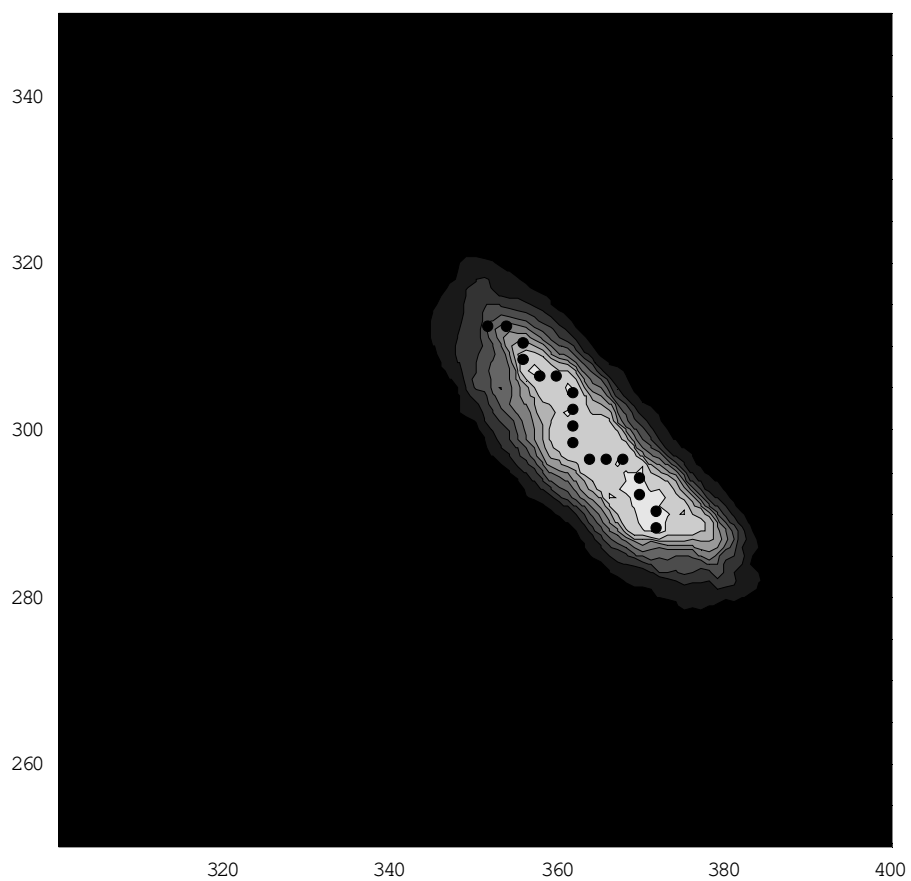
VECTOR F



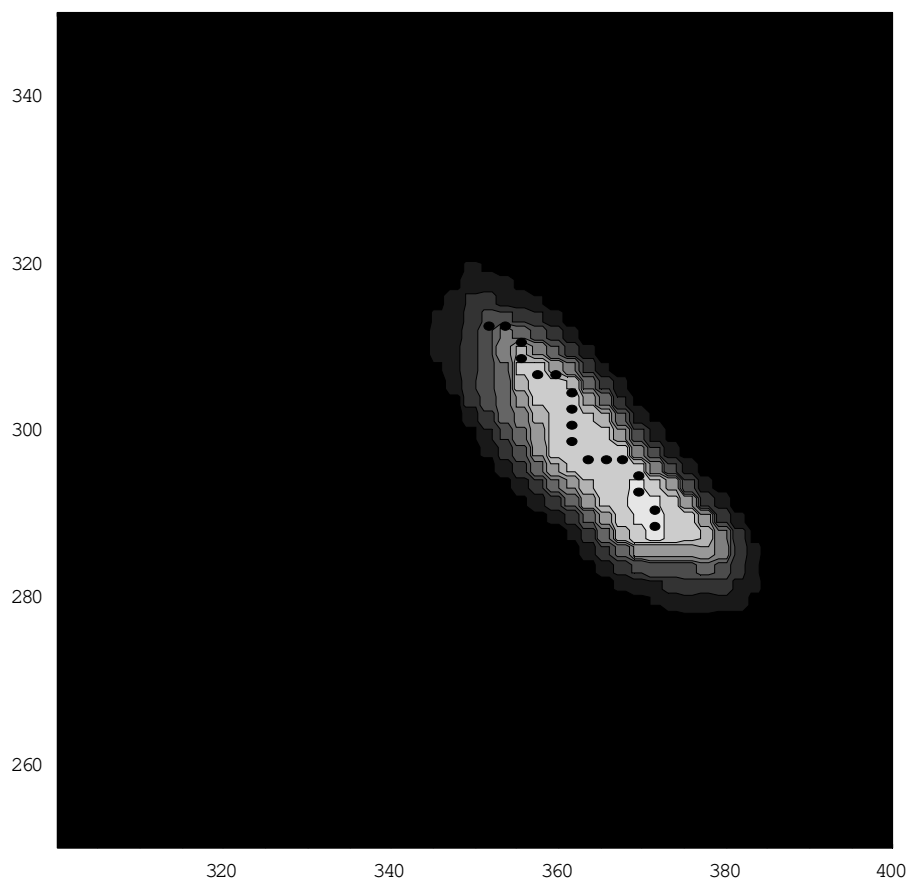
Trail (ADU profile)



Trail + Contour 1x1

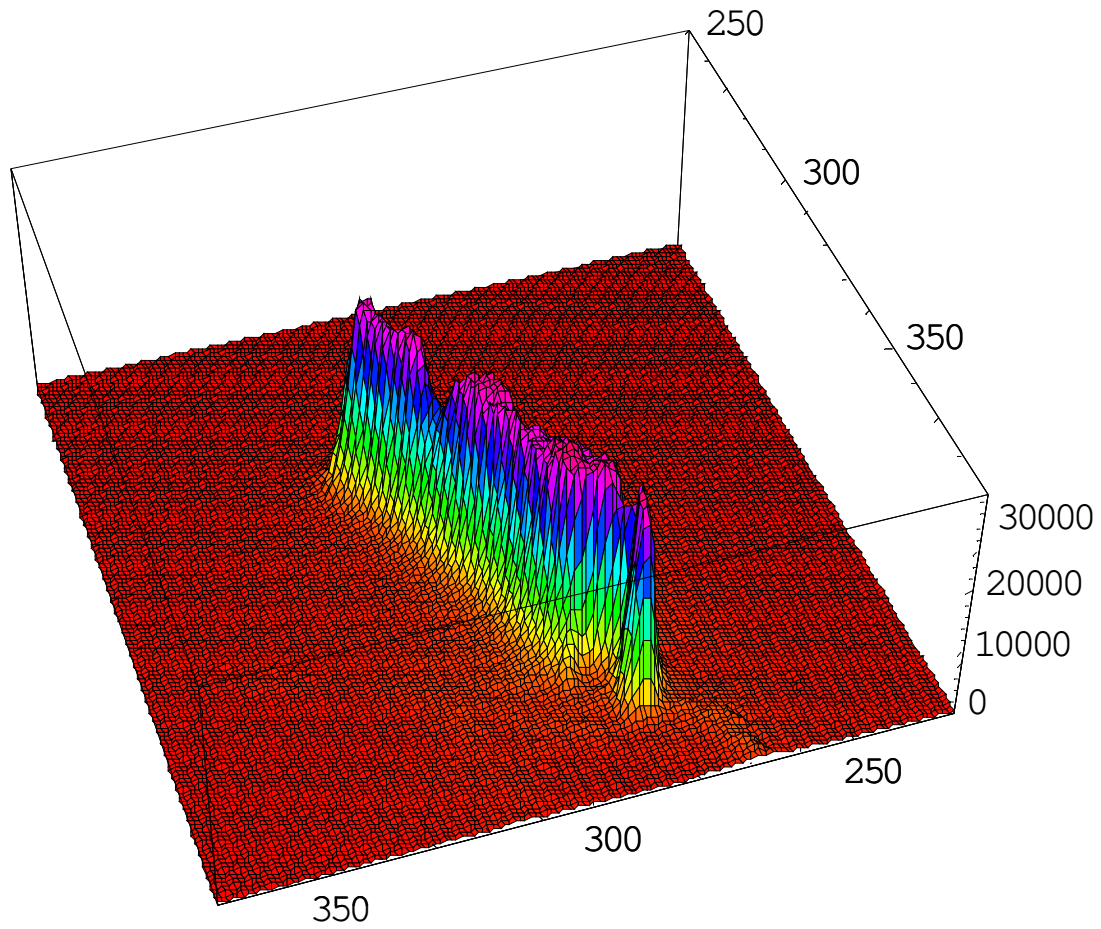


Trail + Contour 2x2

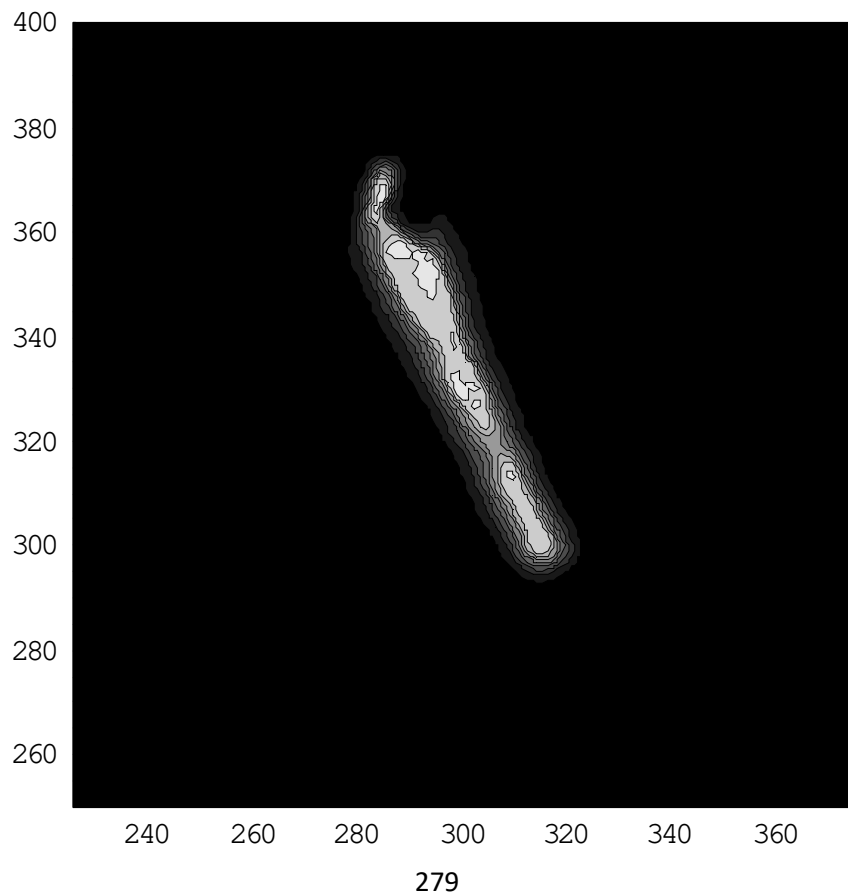


10-10-2009 C1 - LOIRAL

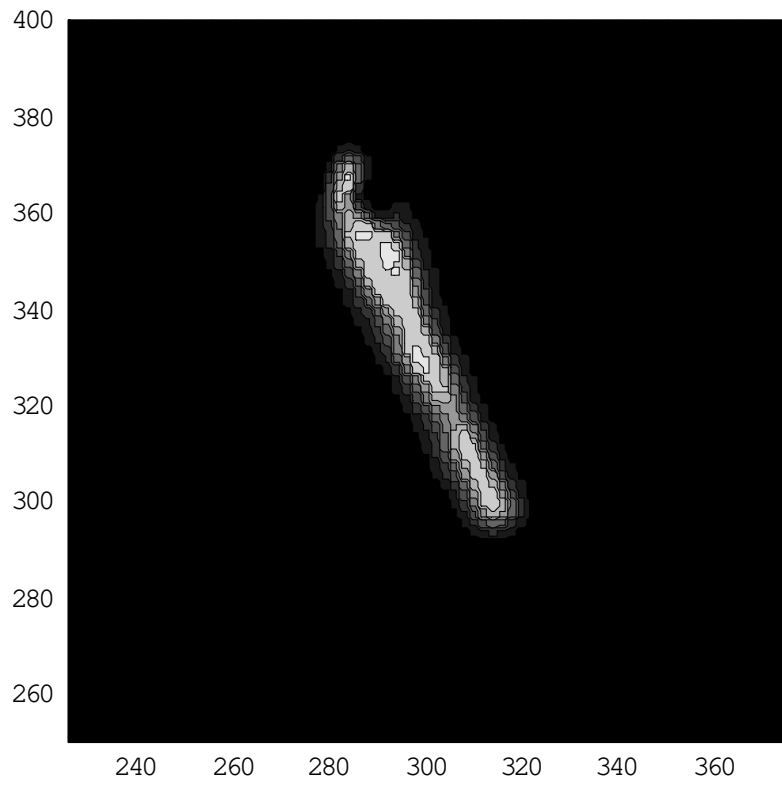
Trail 3D



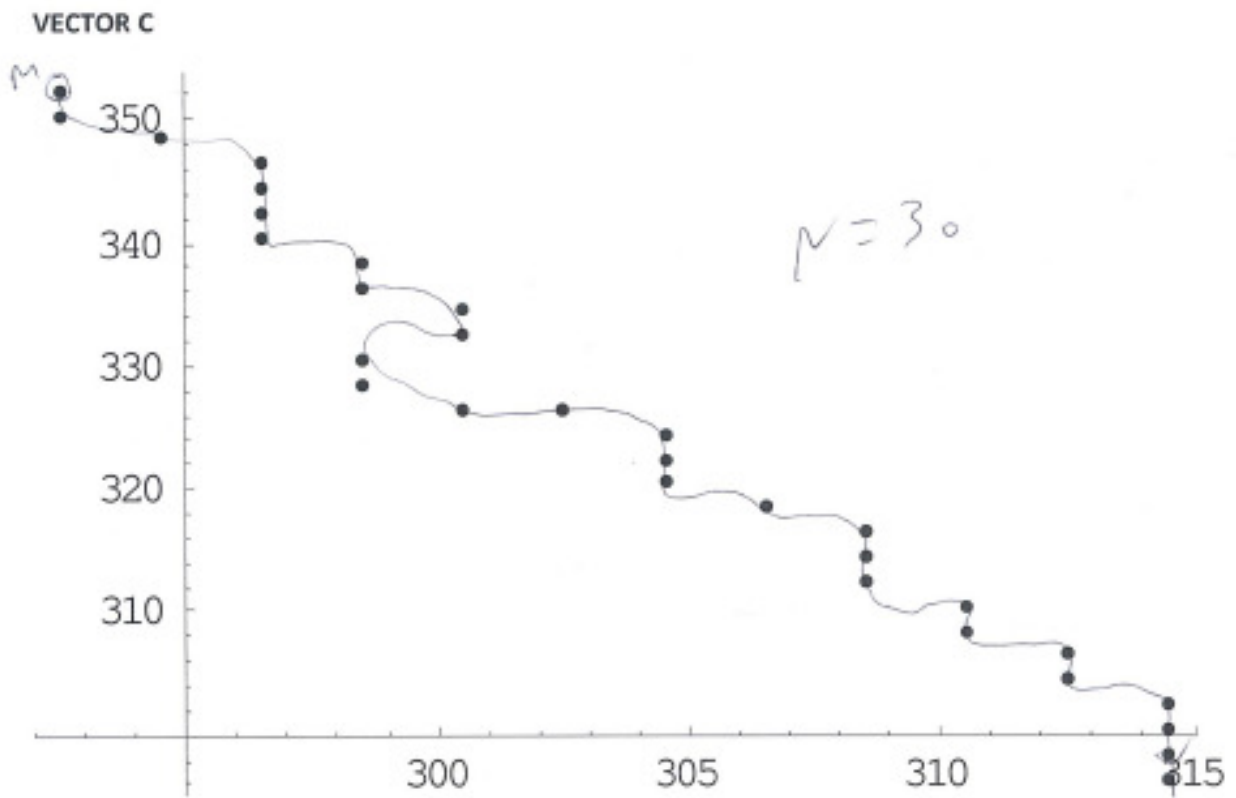
Contour 1x1

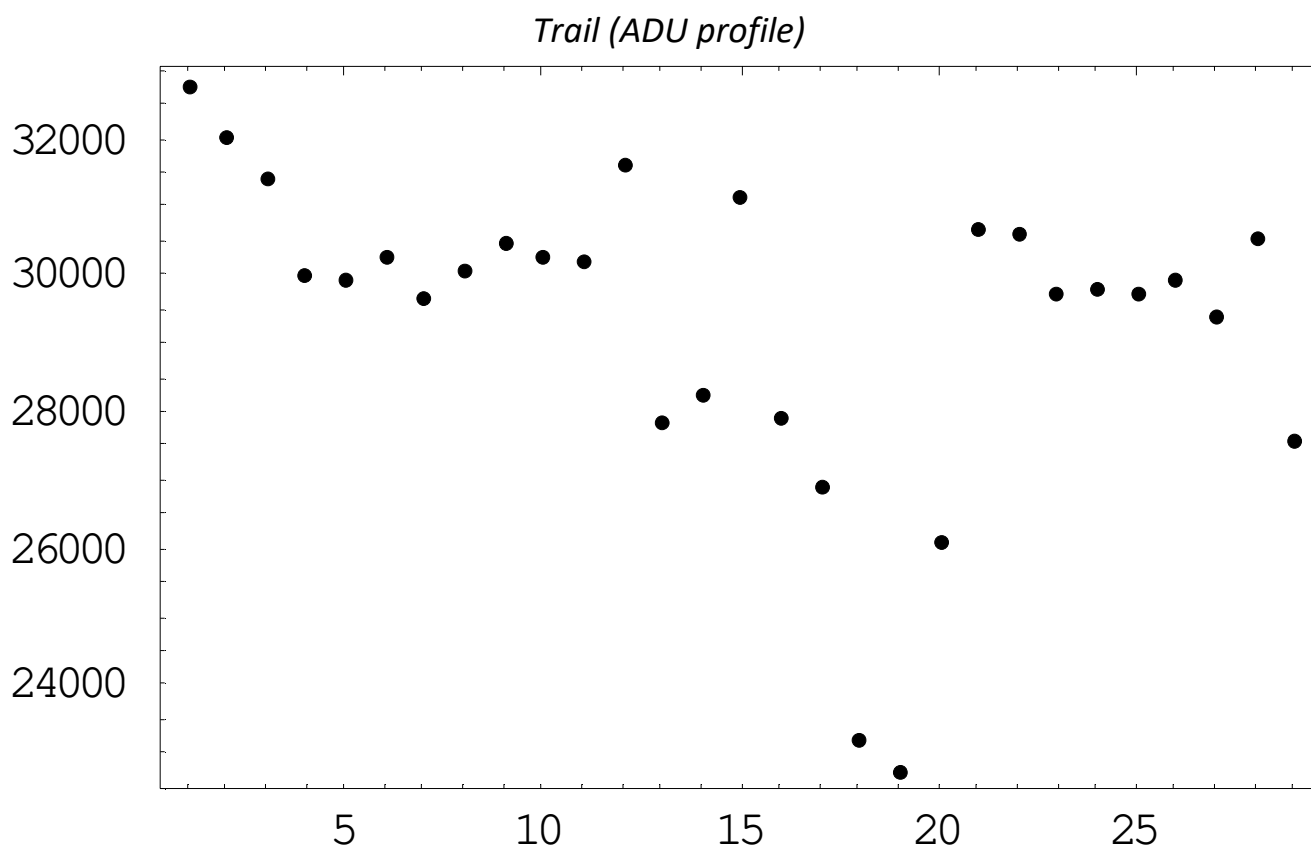
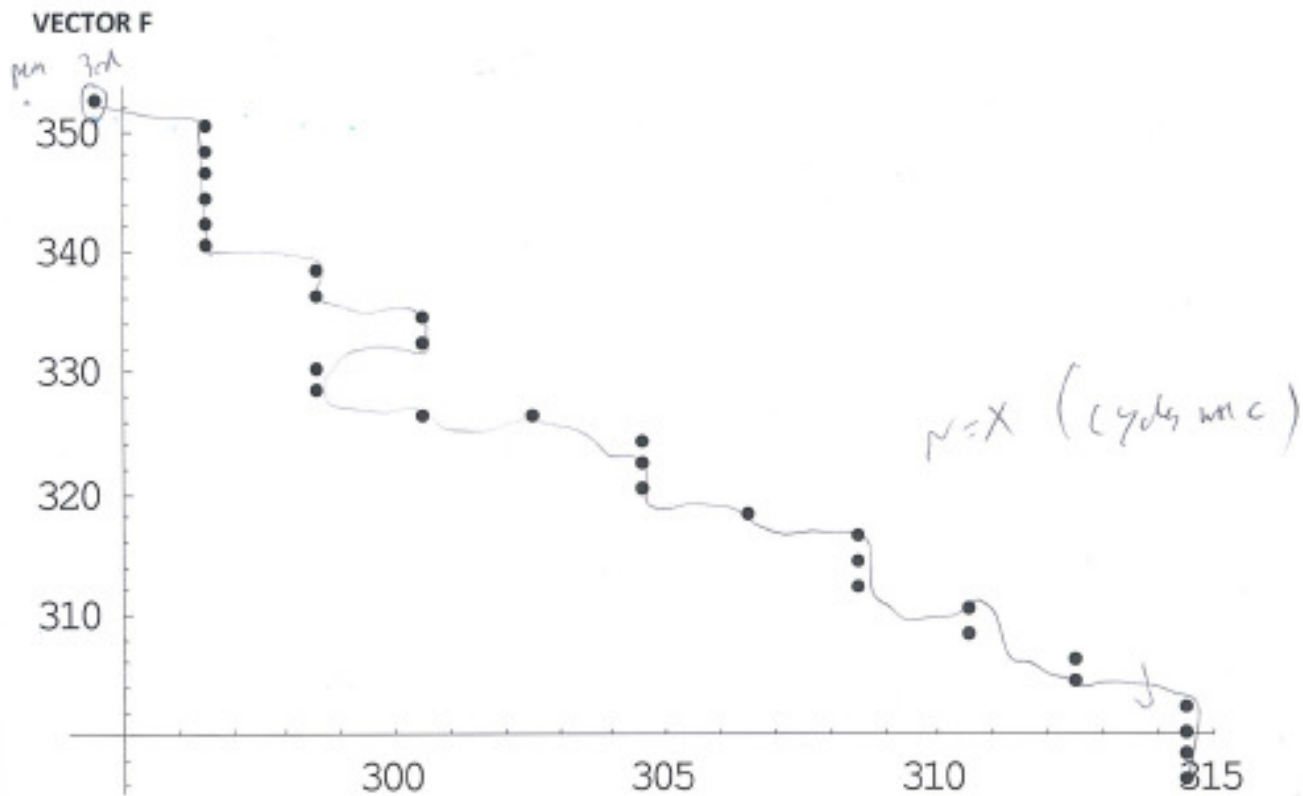


Contour 2x2

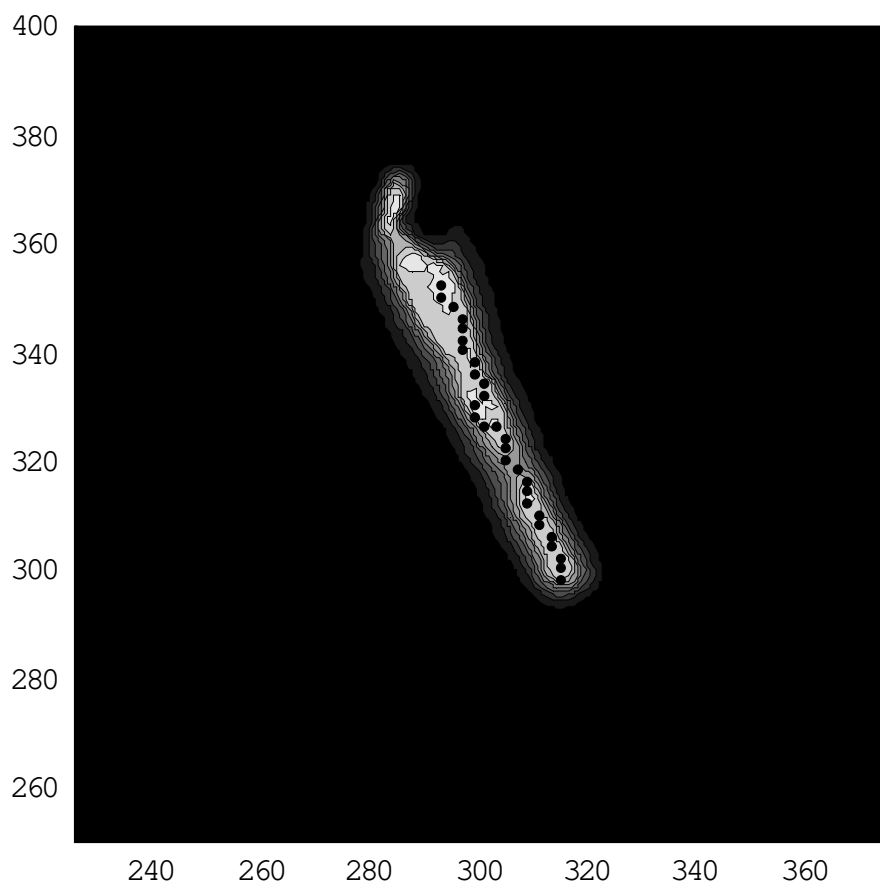


c+f vectors

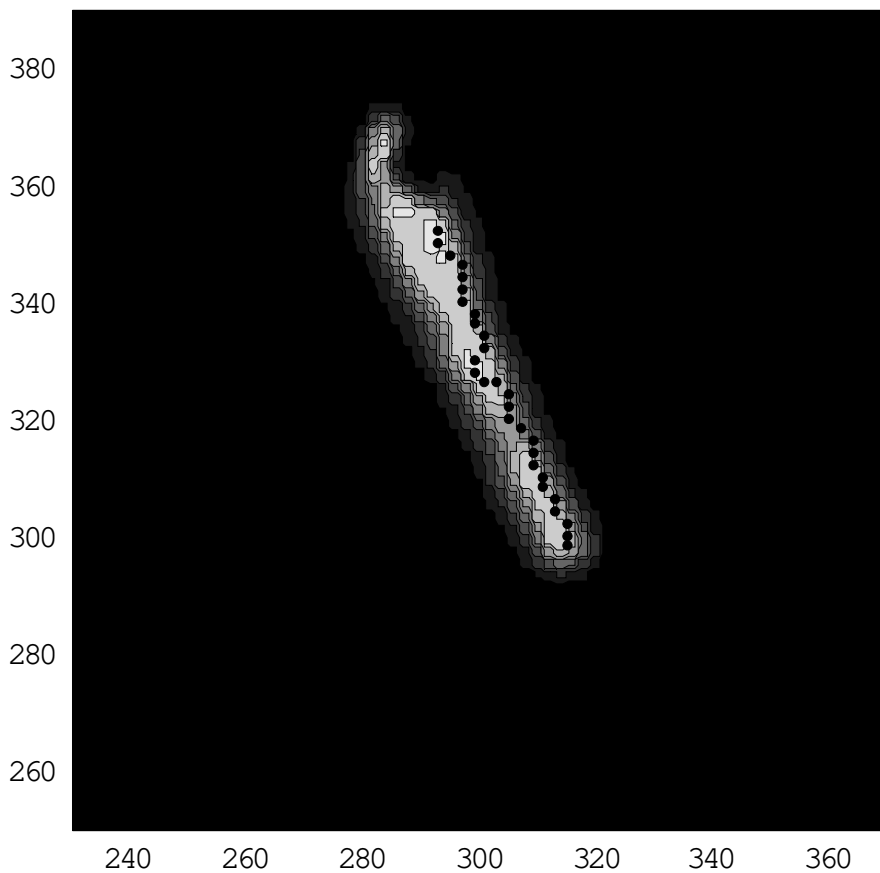




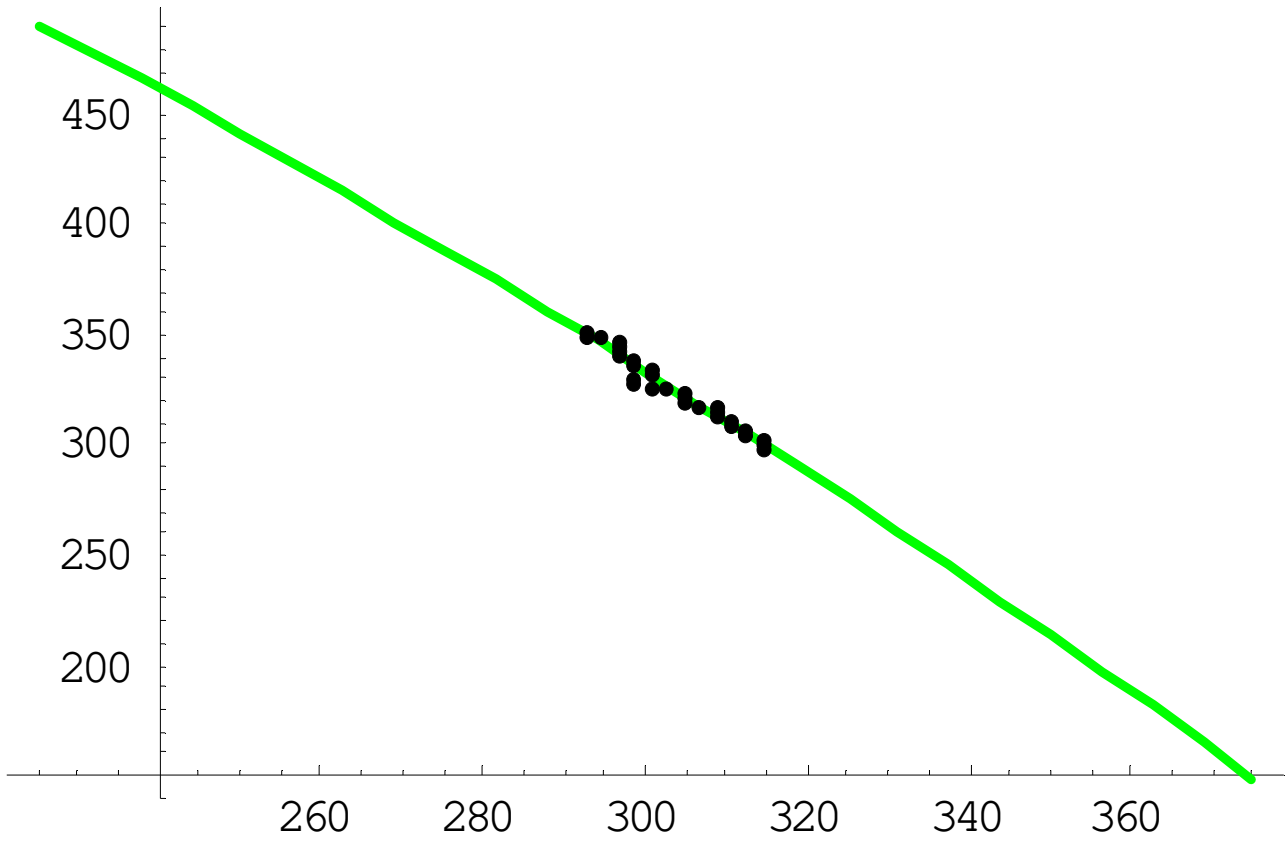
Trail + Contour 1x1



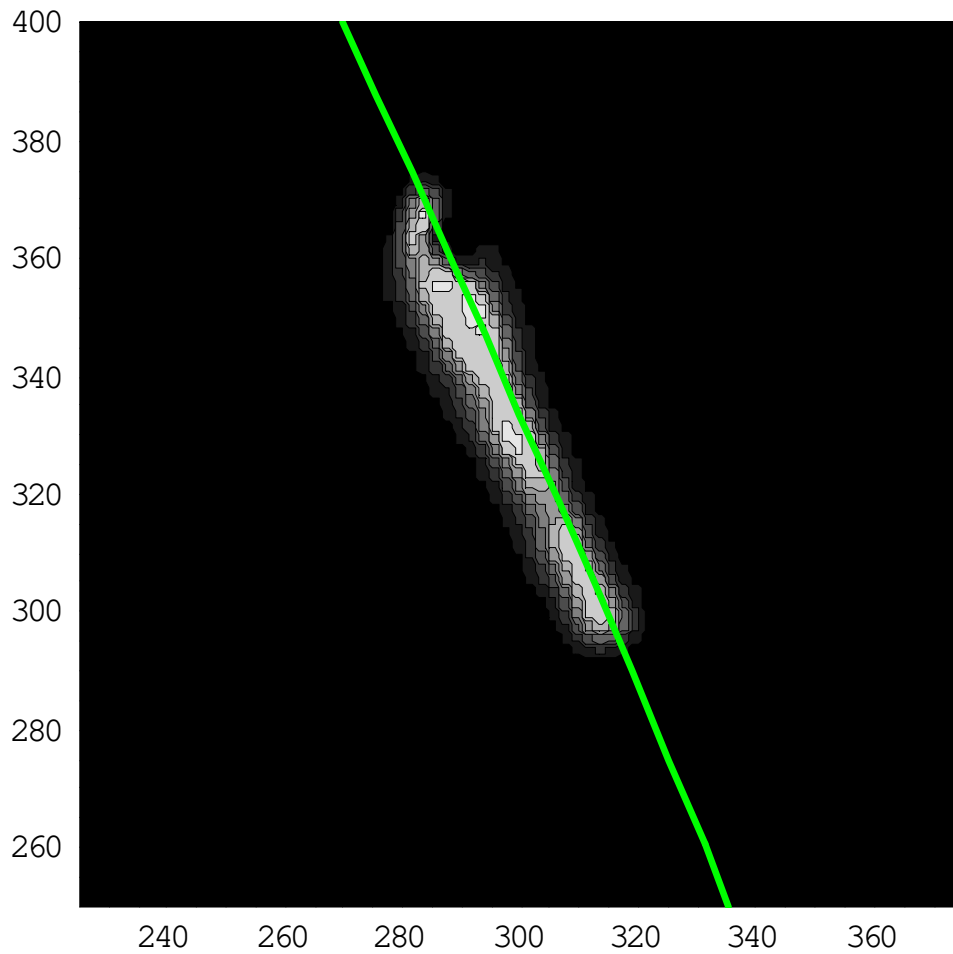
Trail + Contour 2x2



Circle '+' Fit



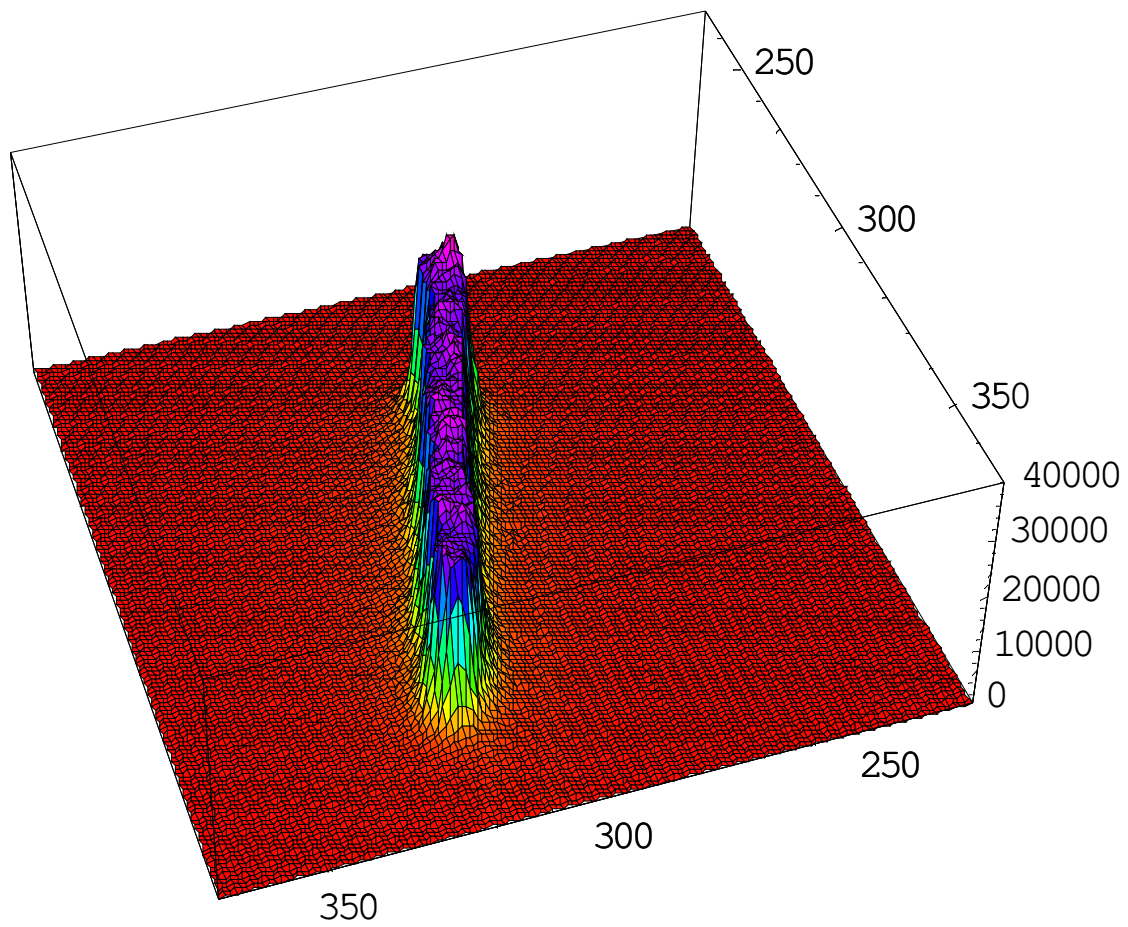
Circle '+' Fit on path



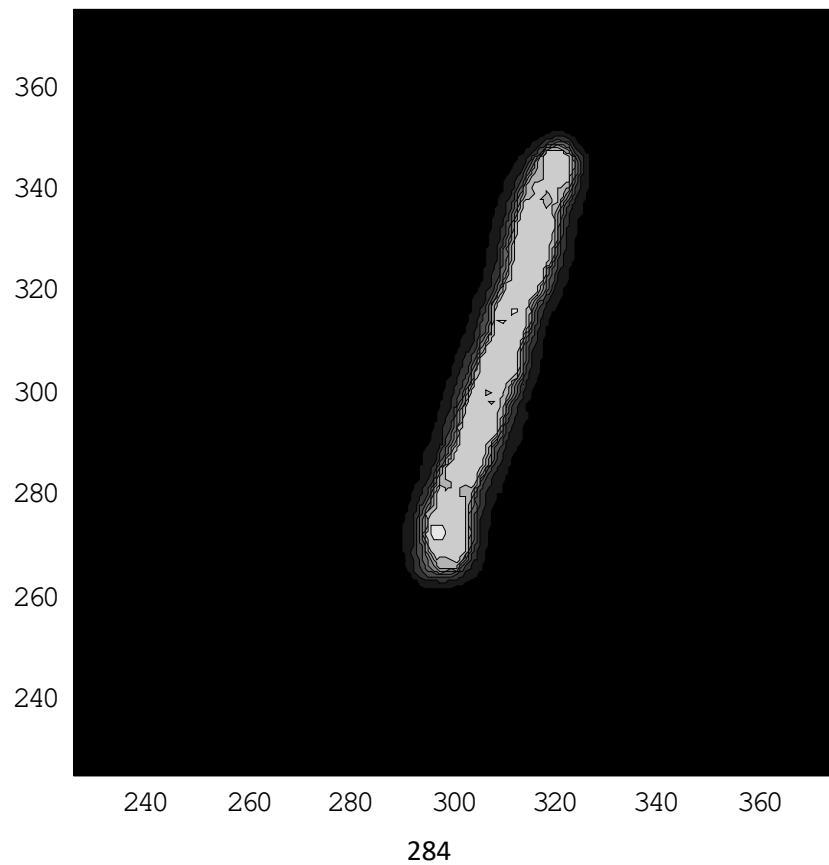
10-01-2009

C3 – BICA DA CANA (with “lobe work”)

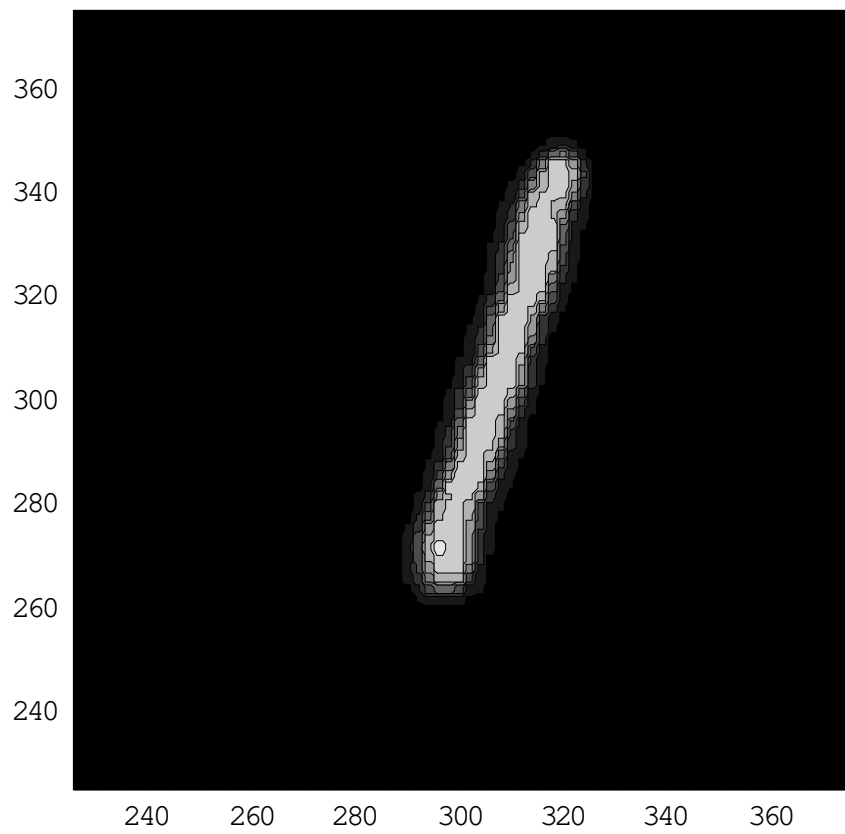
Trail 3D



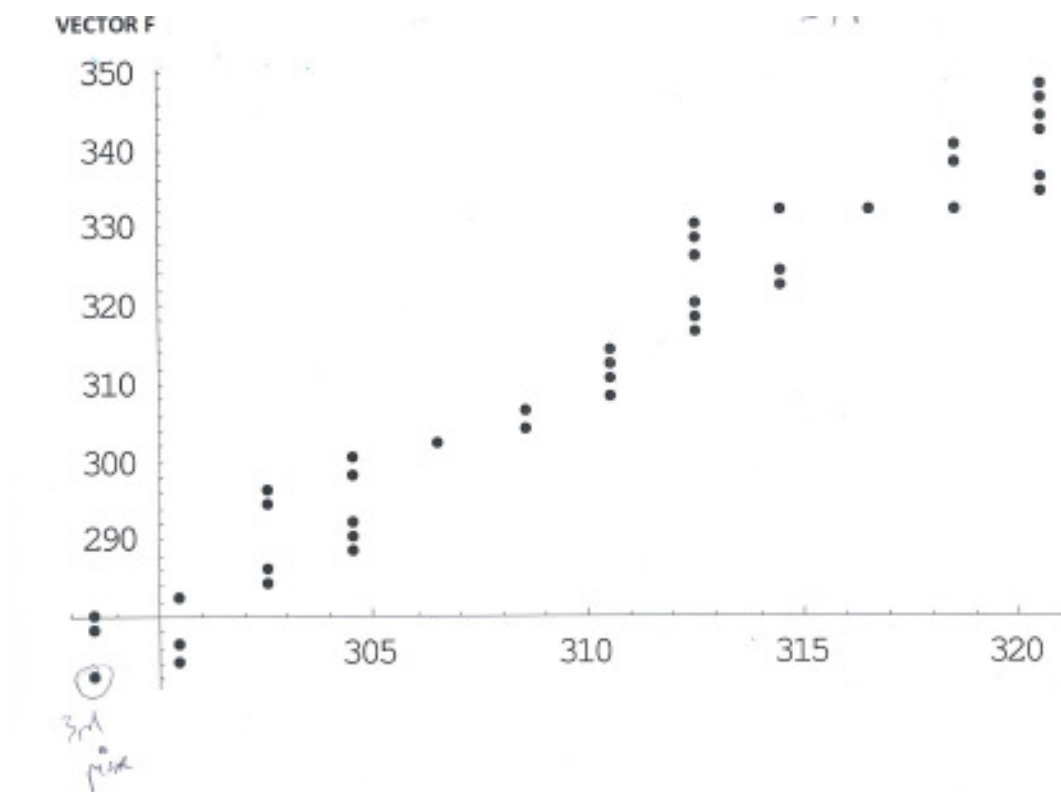
Contour 1x1



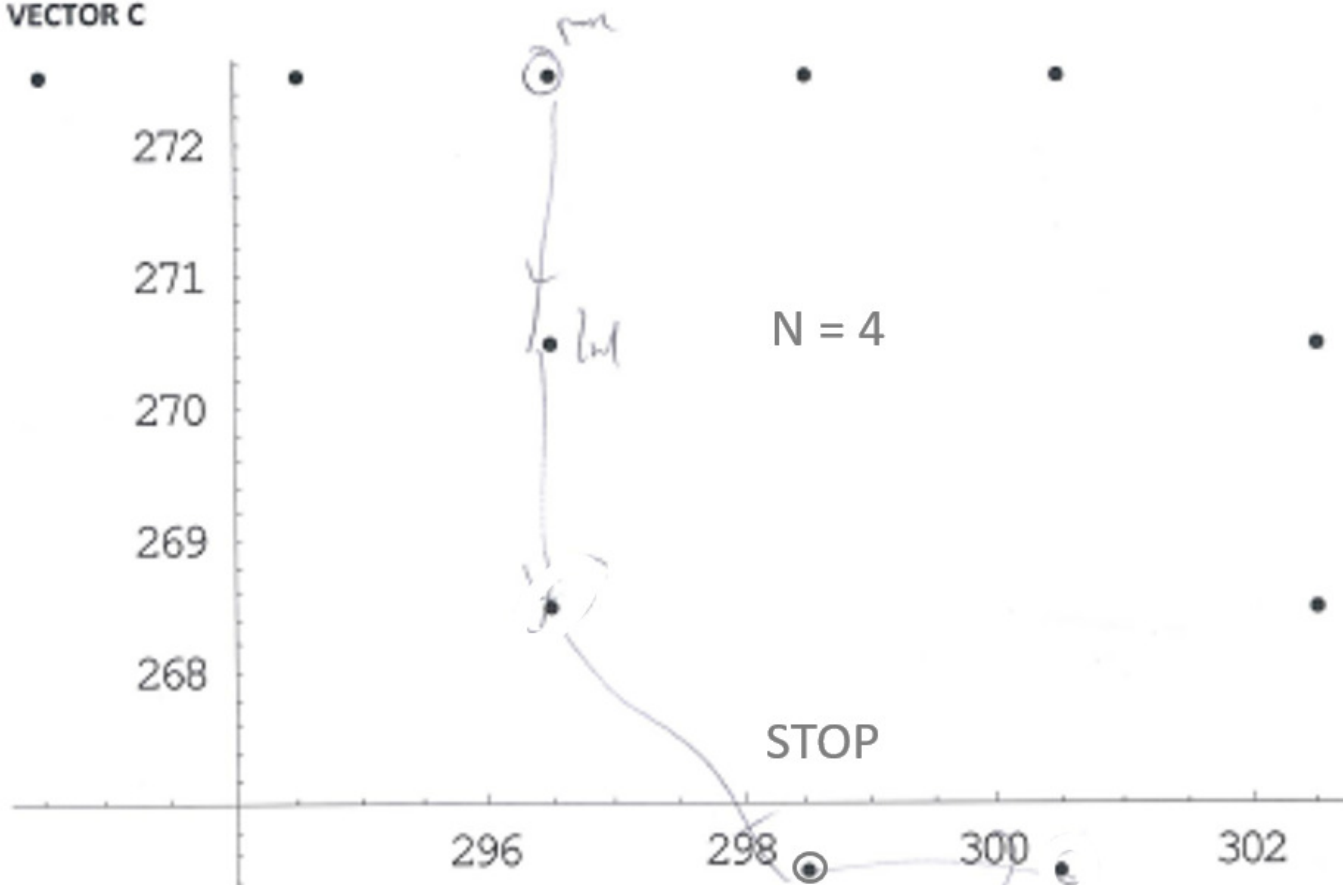
Contour 2x2



c+f vectors (main)

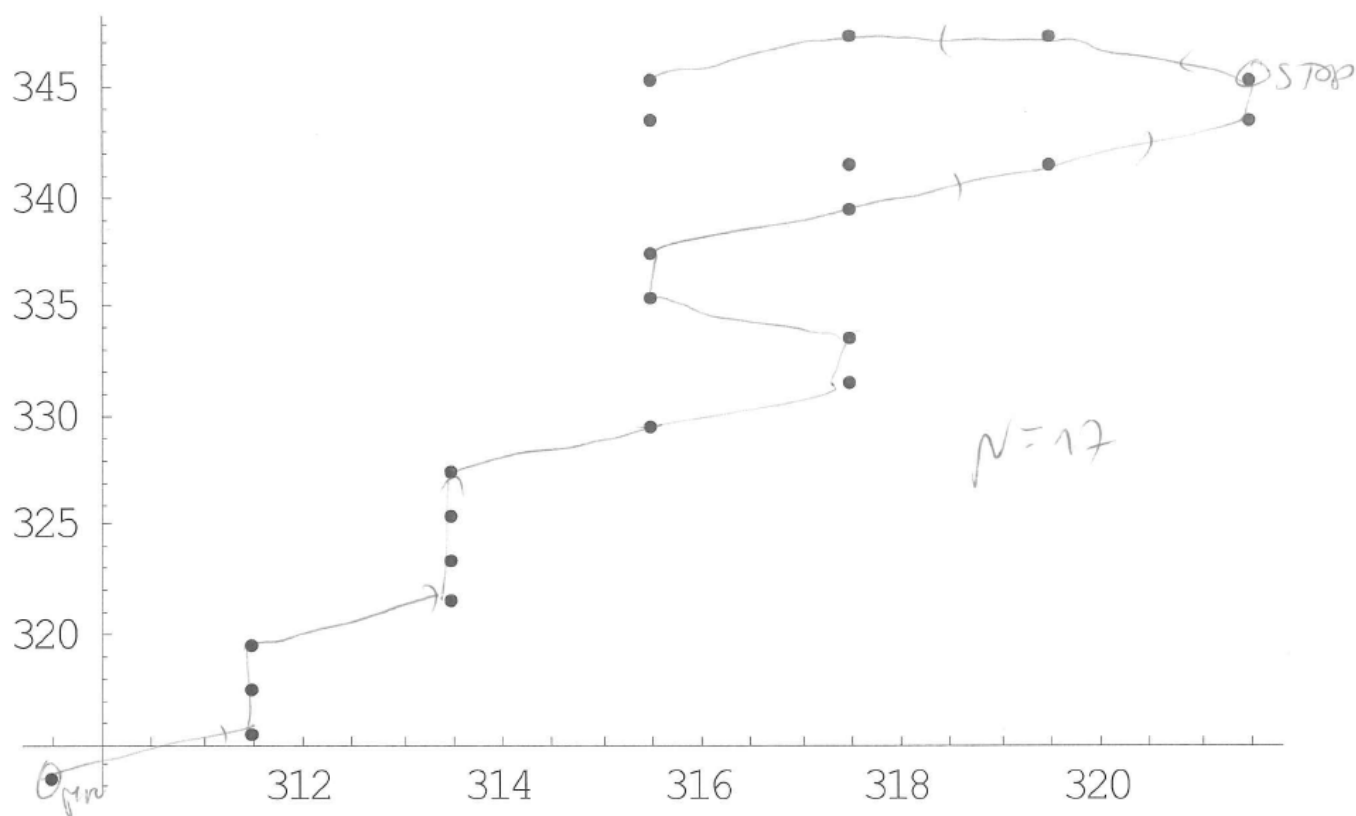


VECTOR C

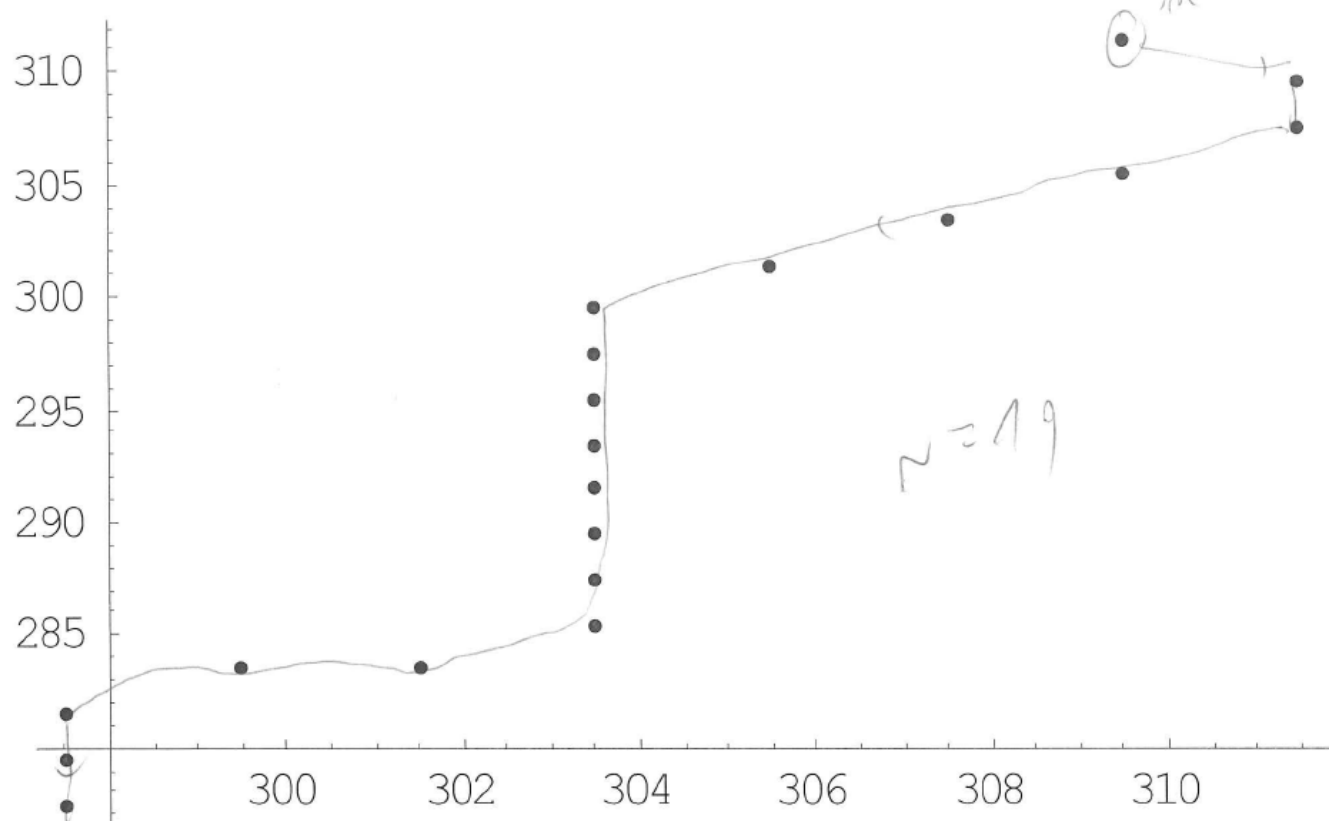


c+f vectors (lobe)

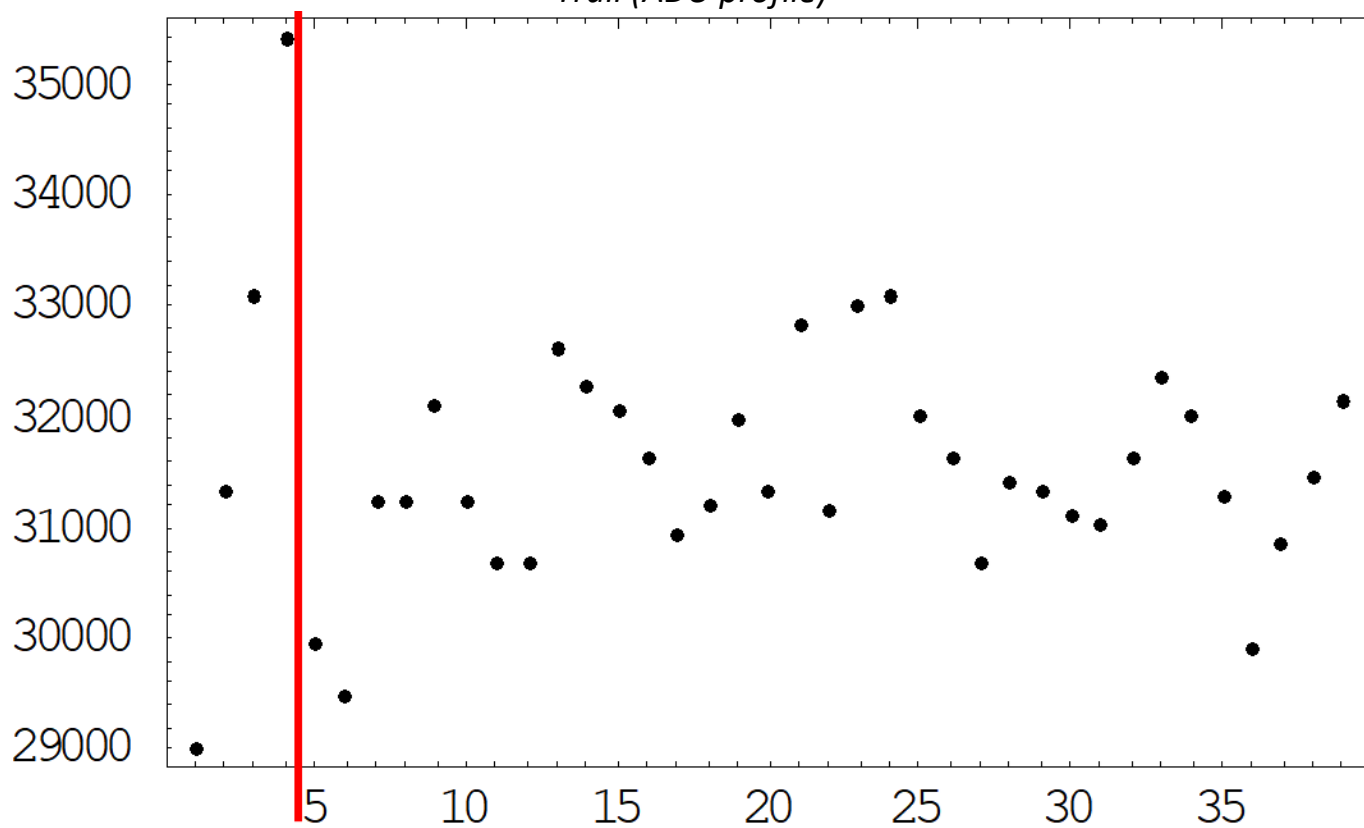
VECTOR C



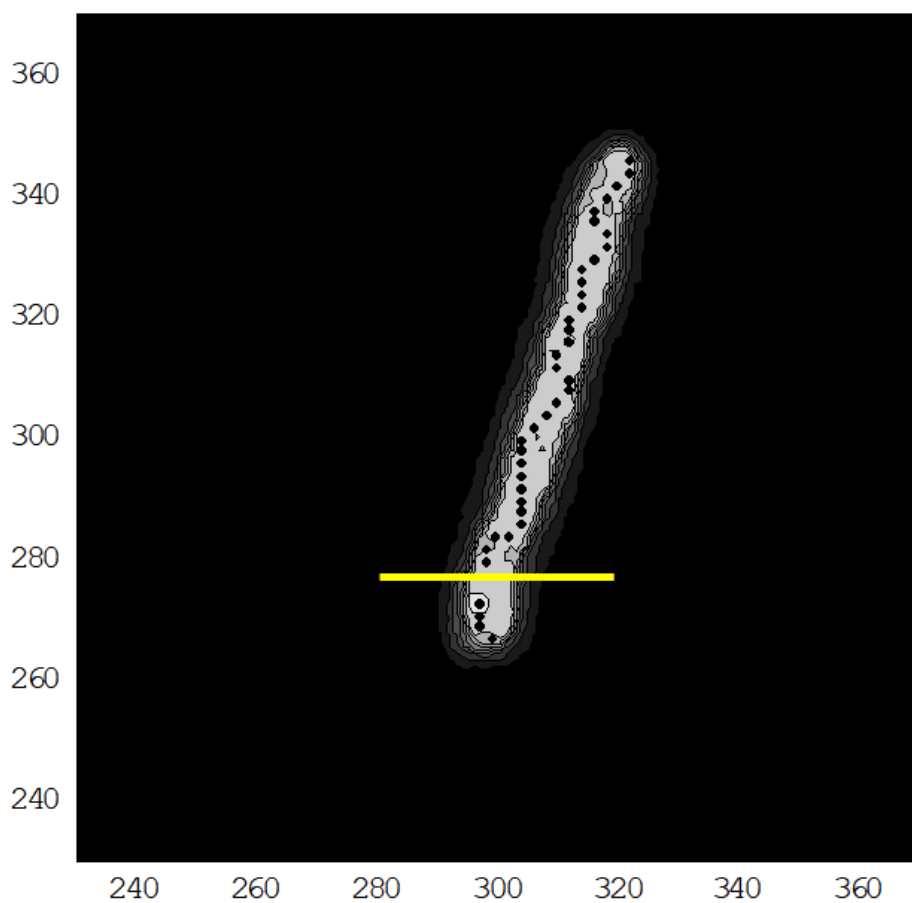
VECTOR F



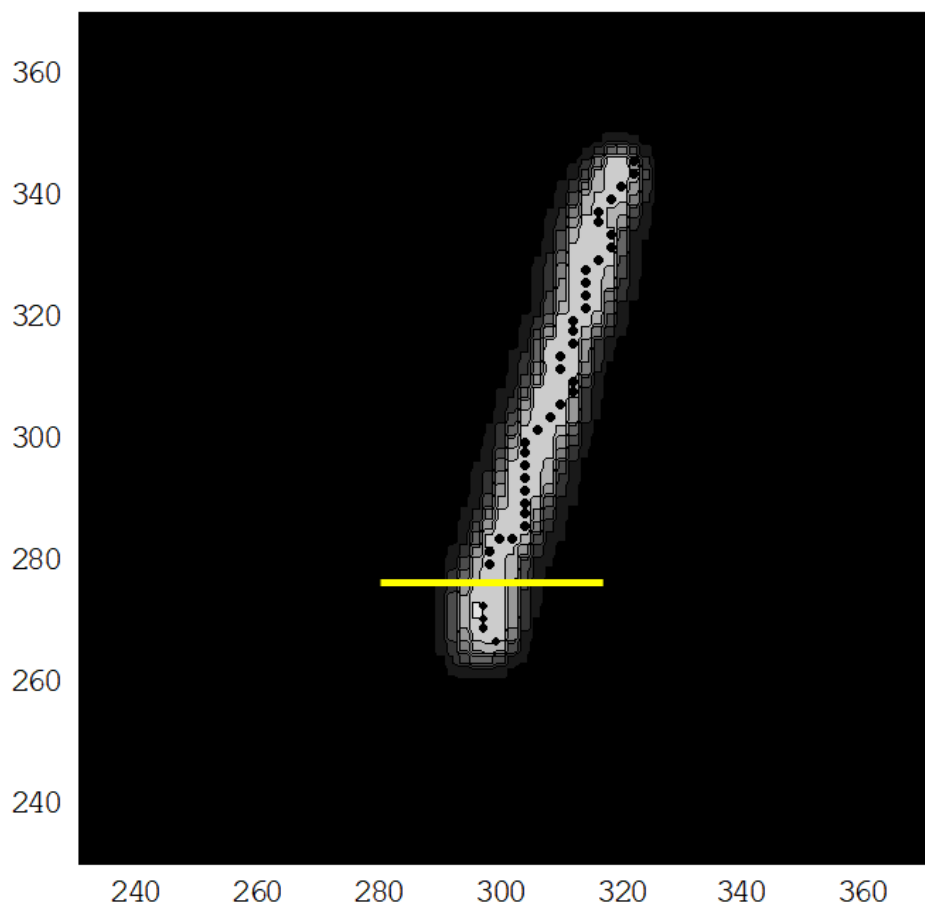
Trail (ADU profile)



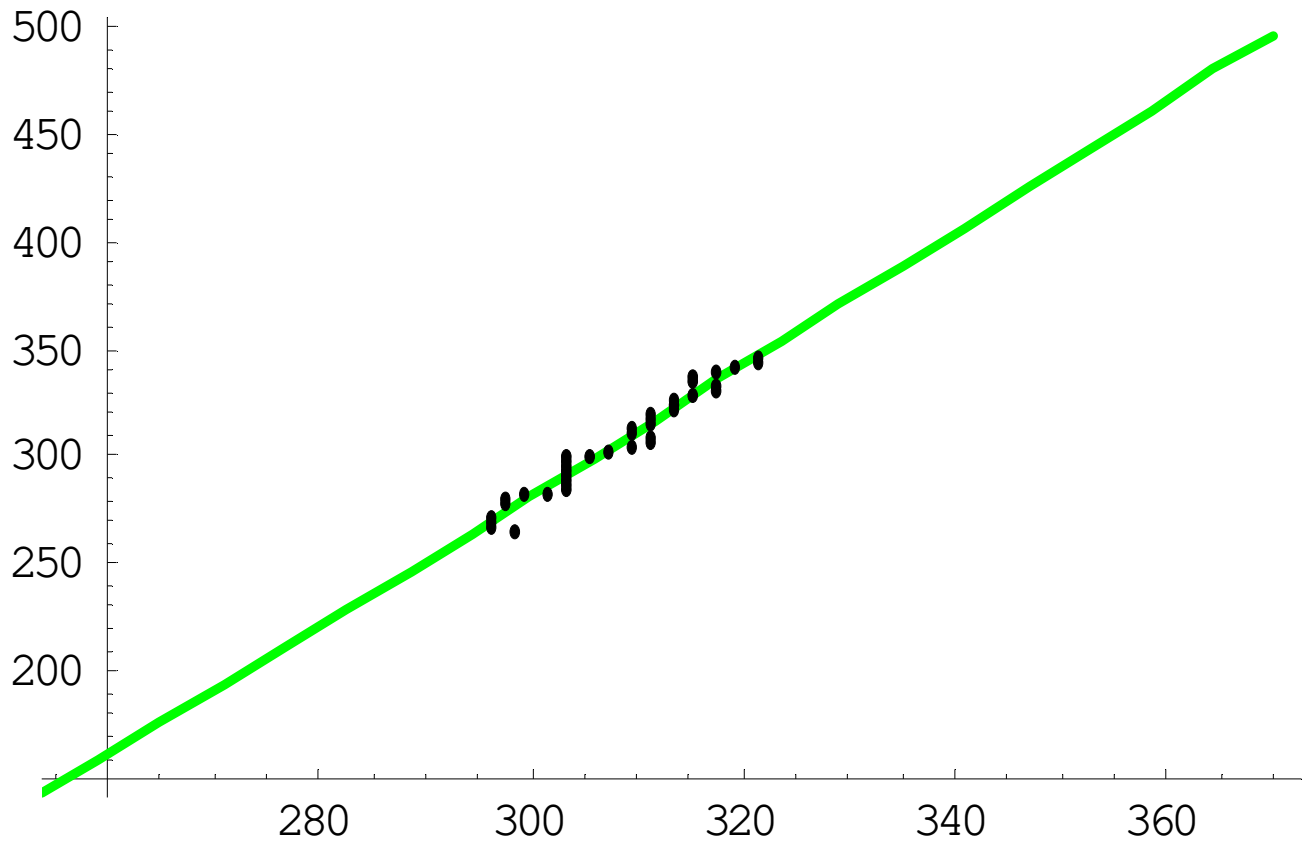
Trail + Contour 1x1



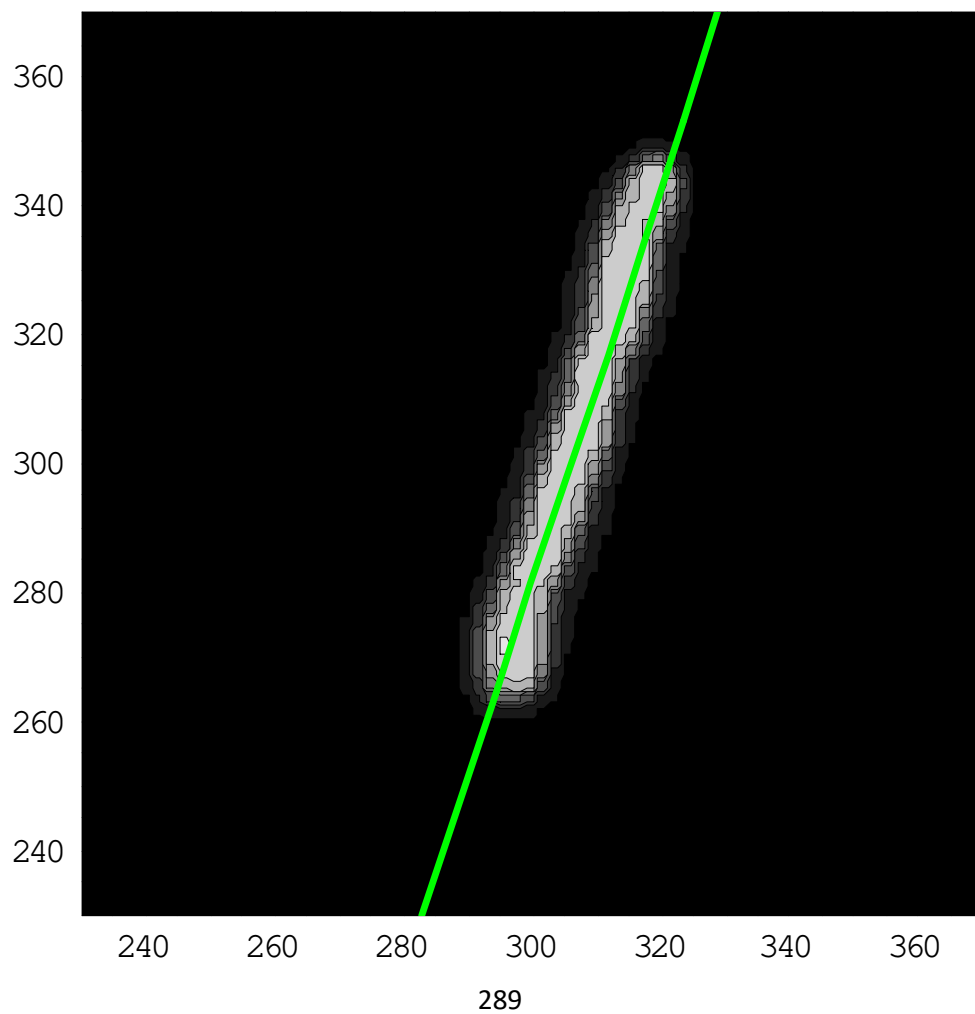
Trail + Contour 2x2



Parabole Fit

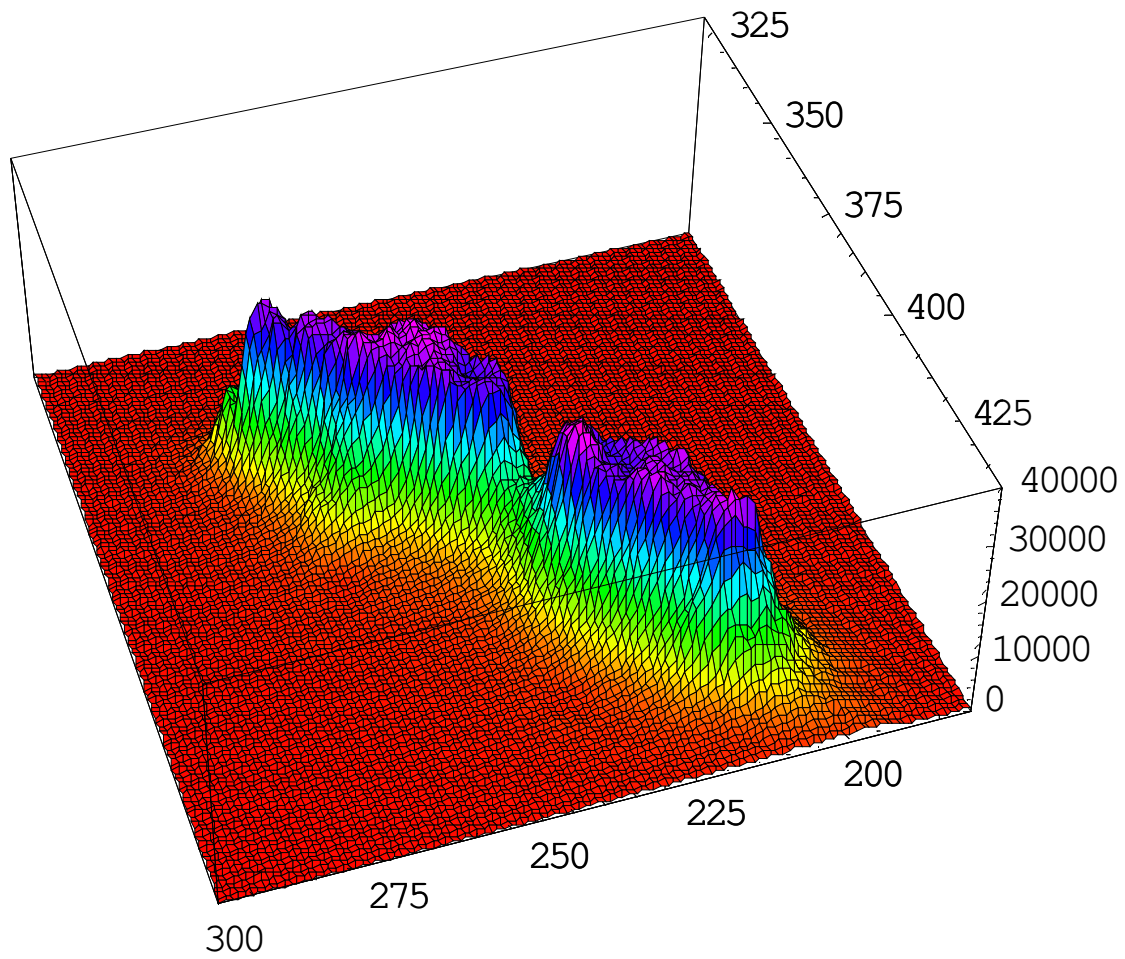


Parabole Fit on path

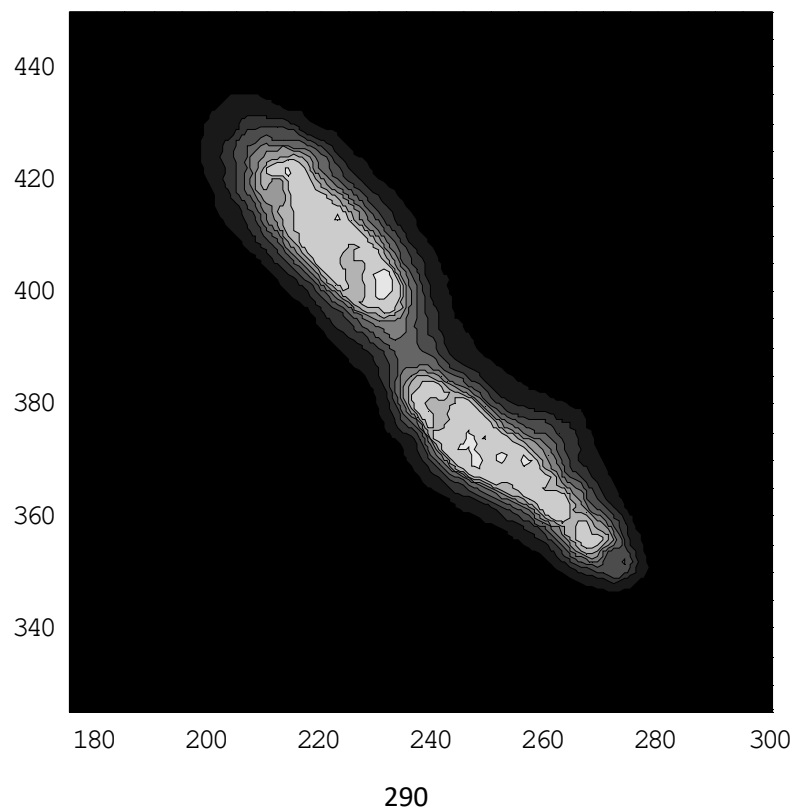


23-01-2009 A1 - JUNCAL

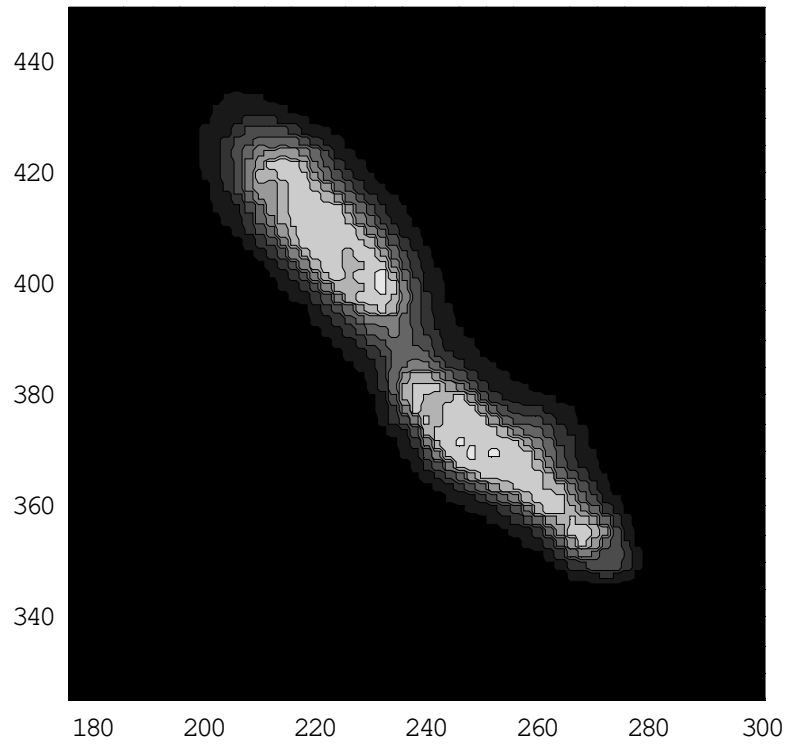
Trail 3D



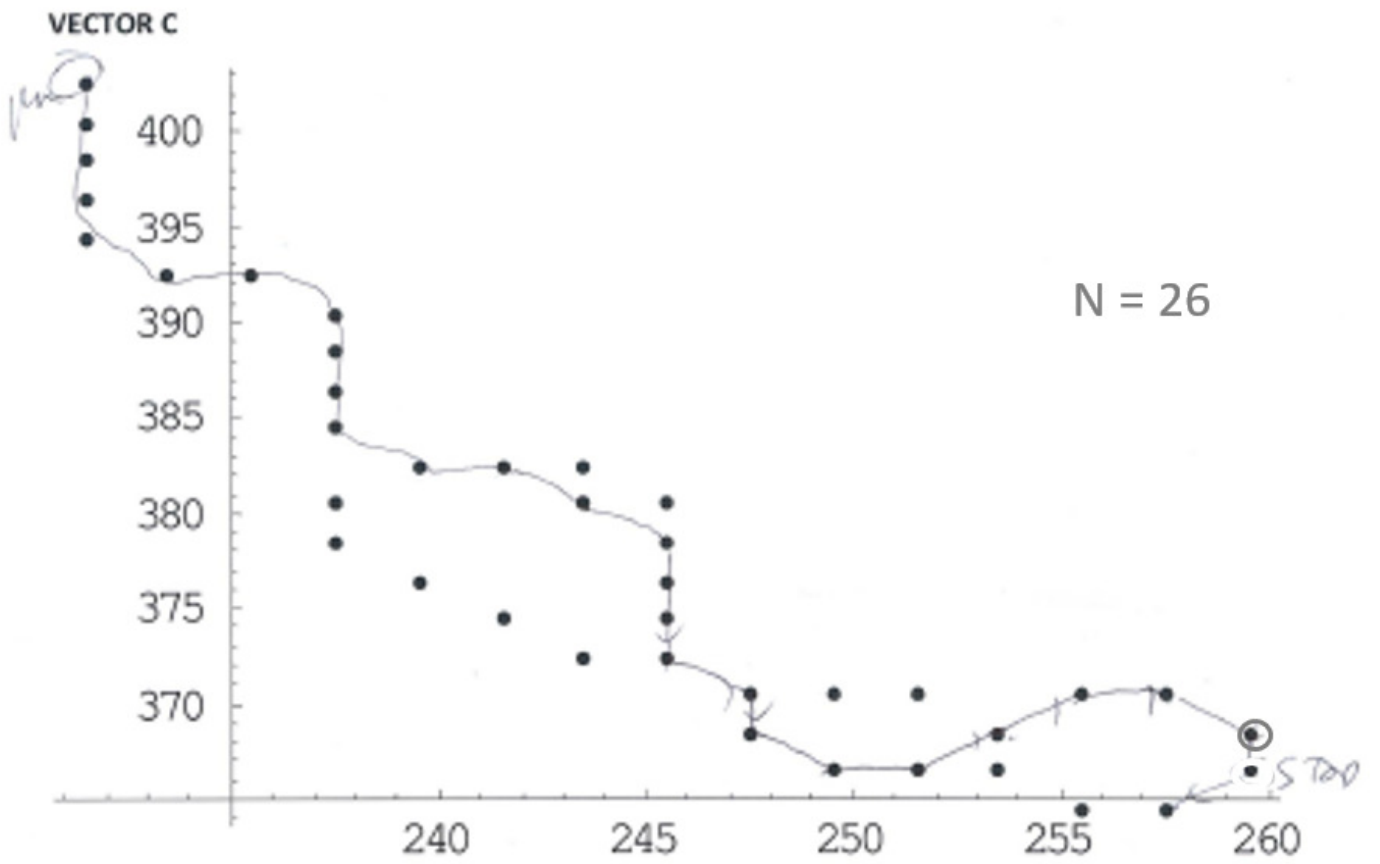
Contour 1x1



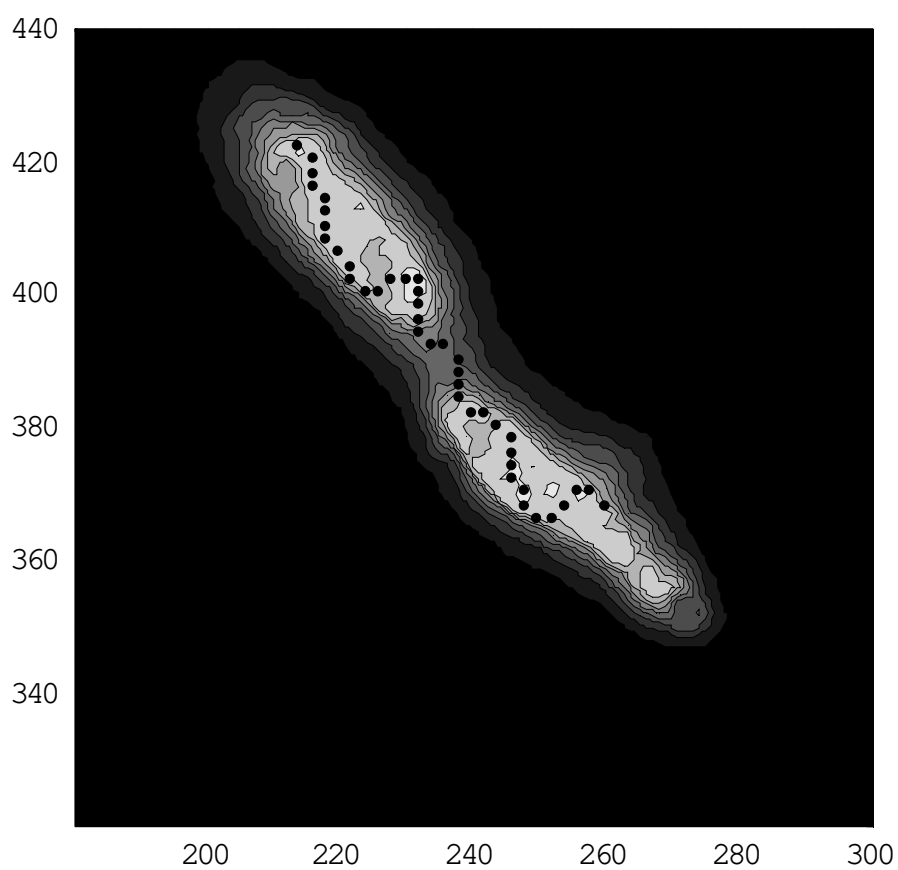
Contour 2x2



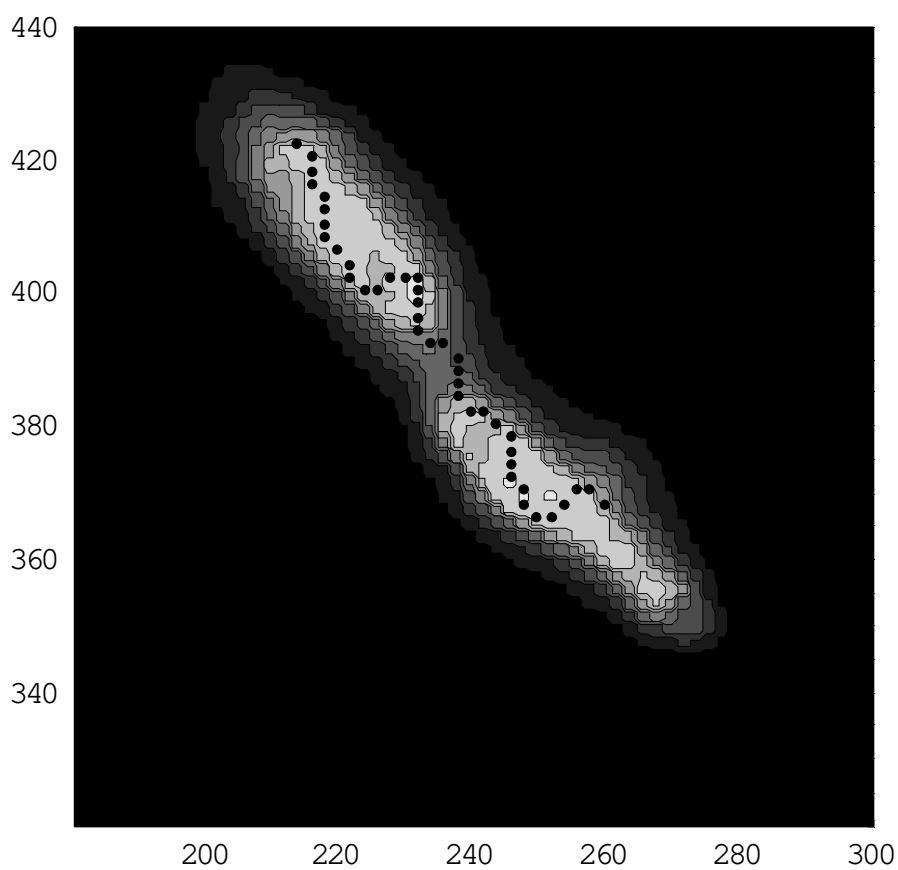
c+f vectors



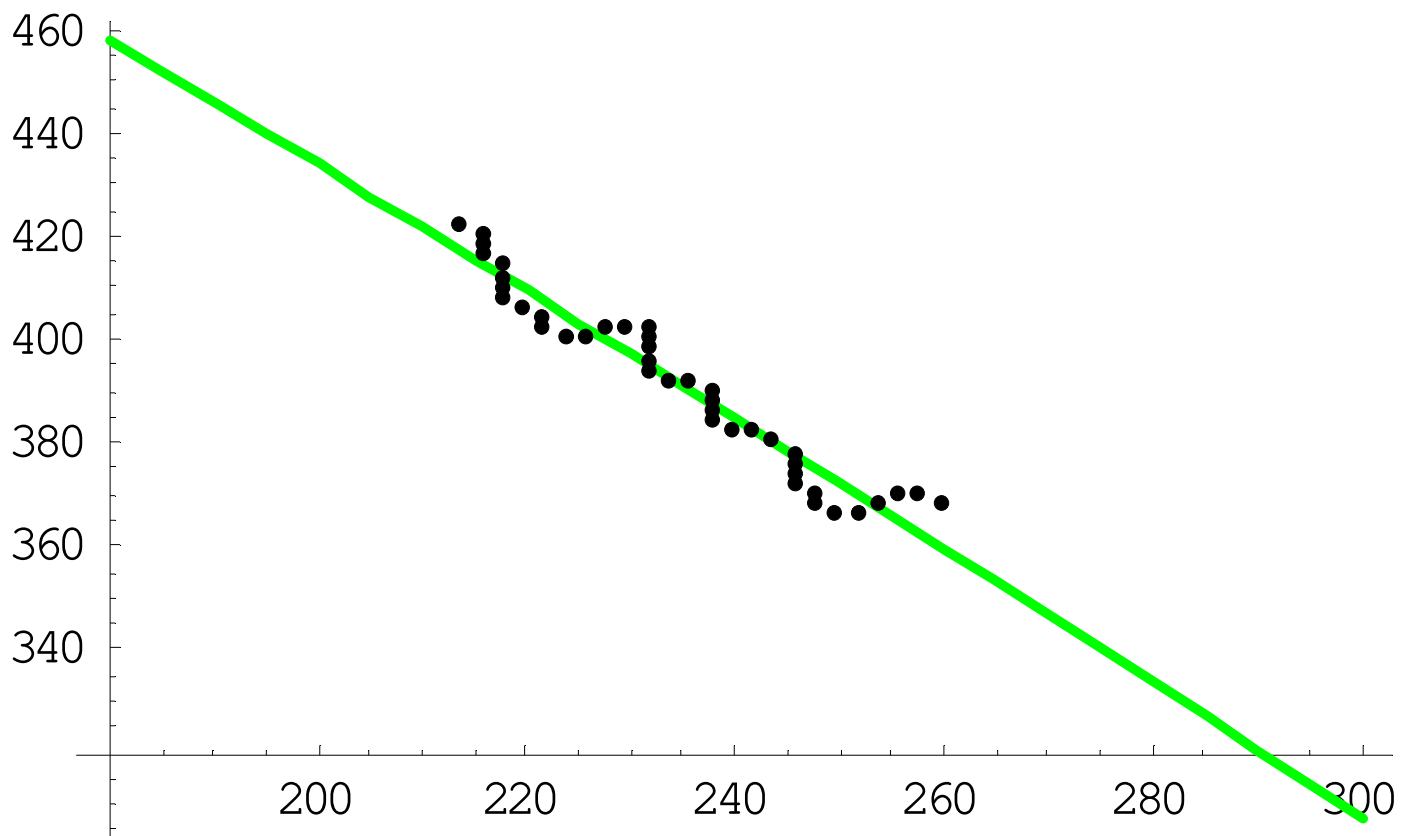
Trail + Contour 1x1



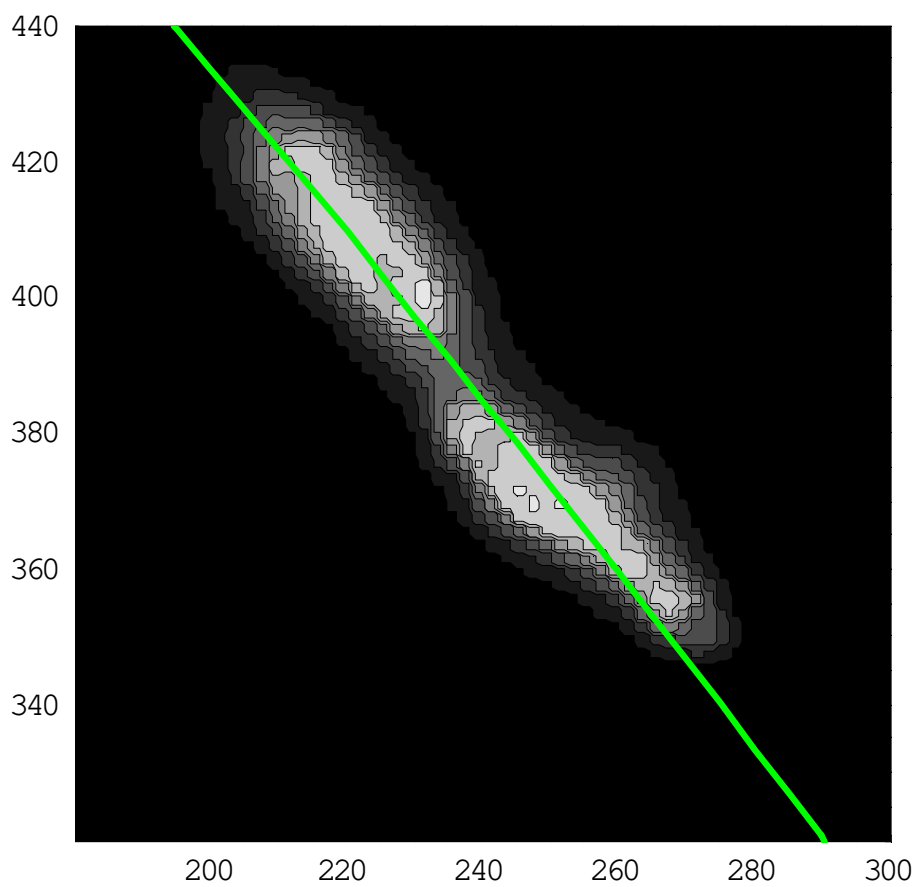
Trail + Contour 2x2



Circle '+' Fit



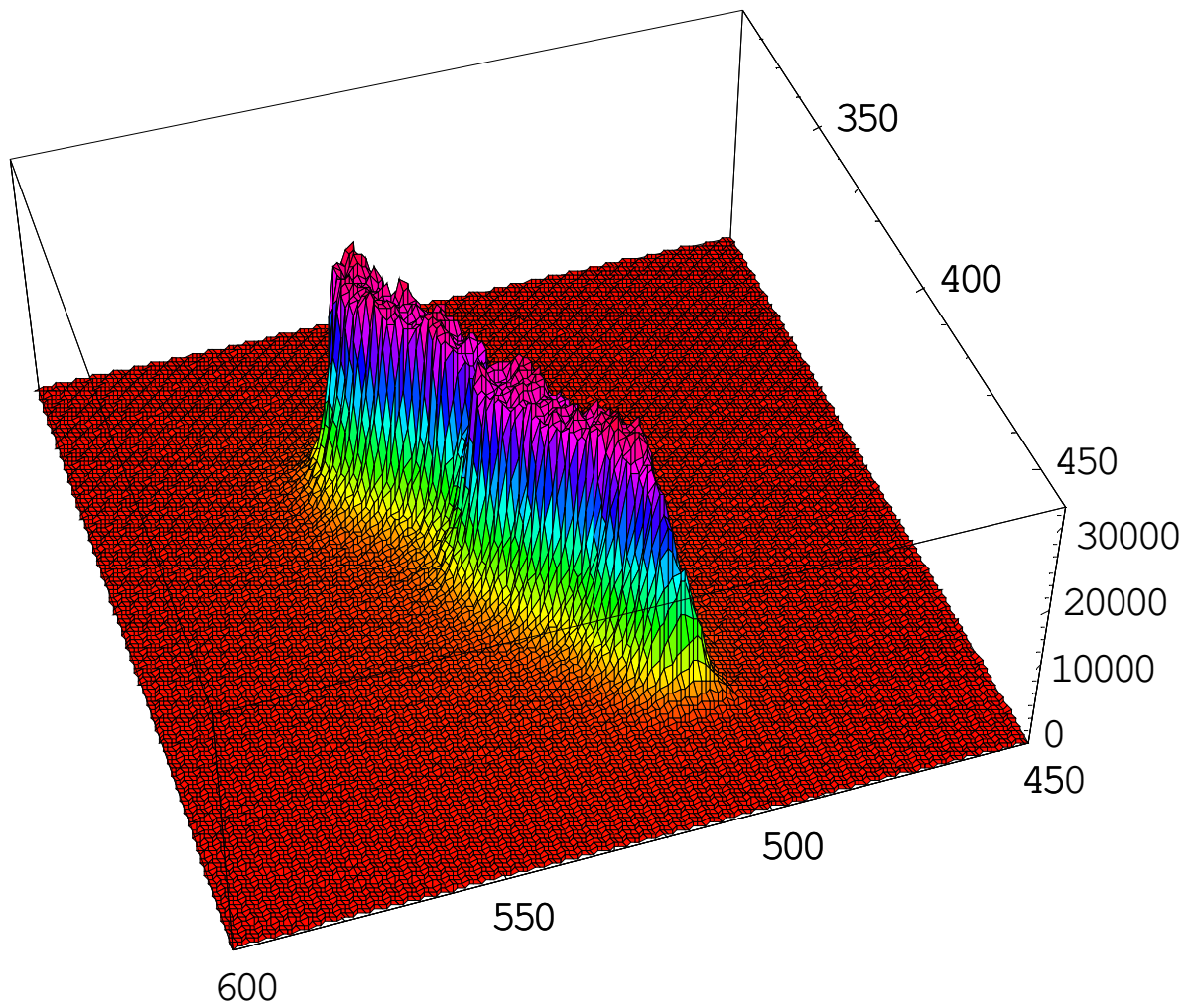
Circle '+' Fit on path



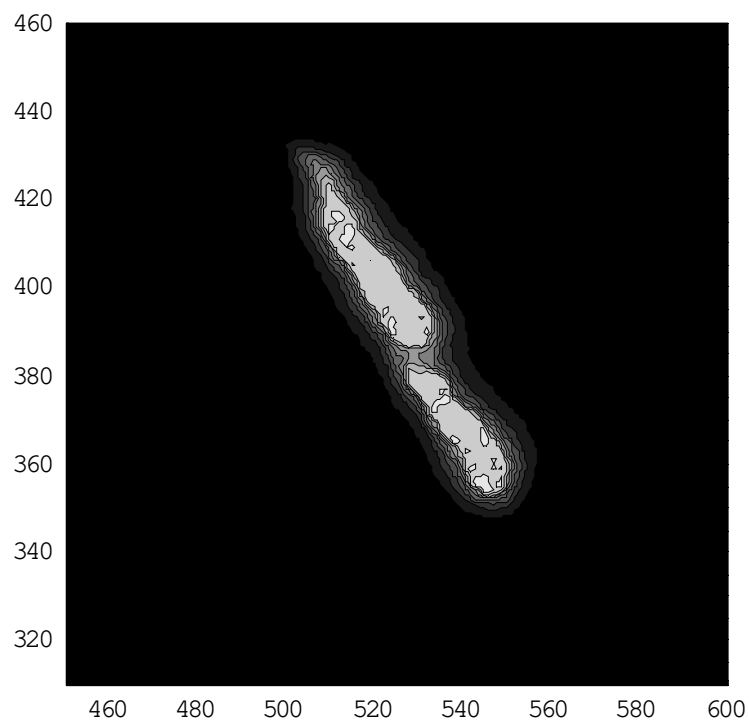
23-01-2009

A2 - ACHADA GRANDE (with "lobe work")

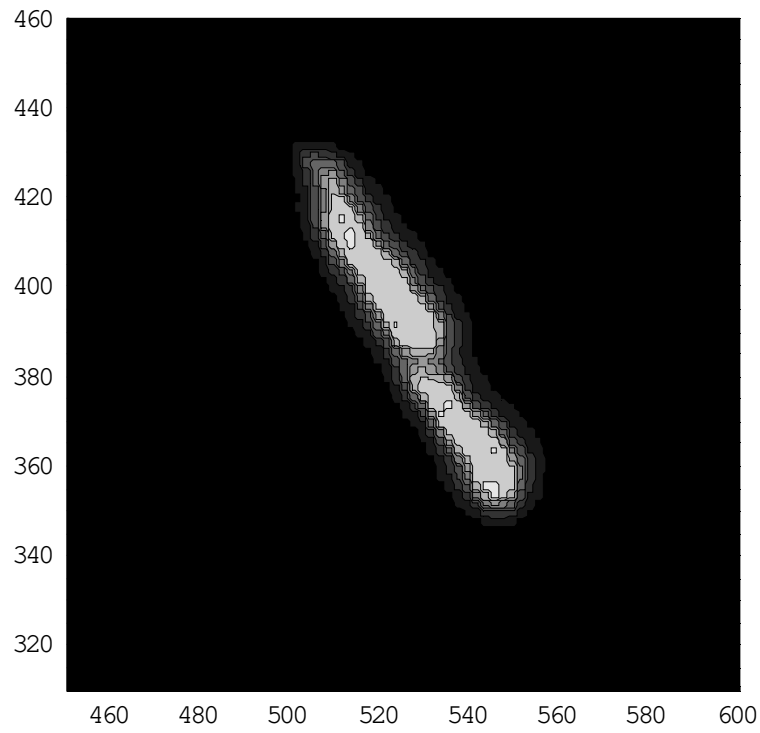
Trail 3D



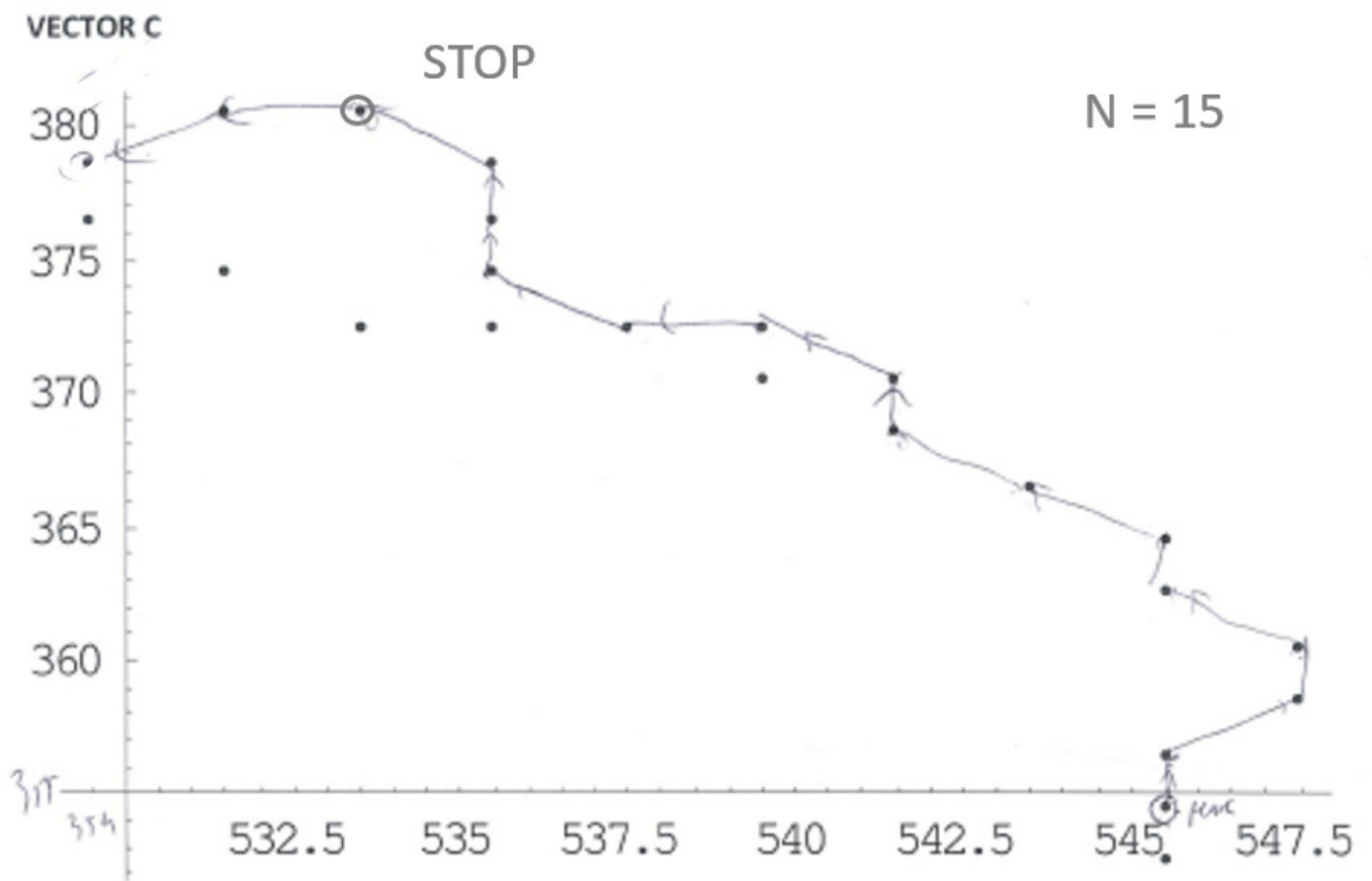
Contour 1x1



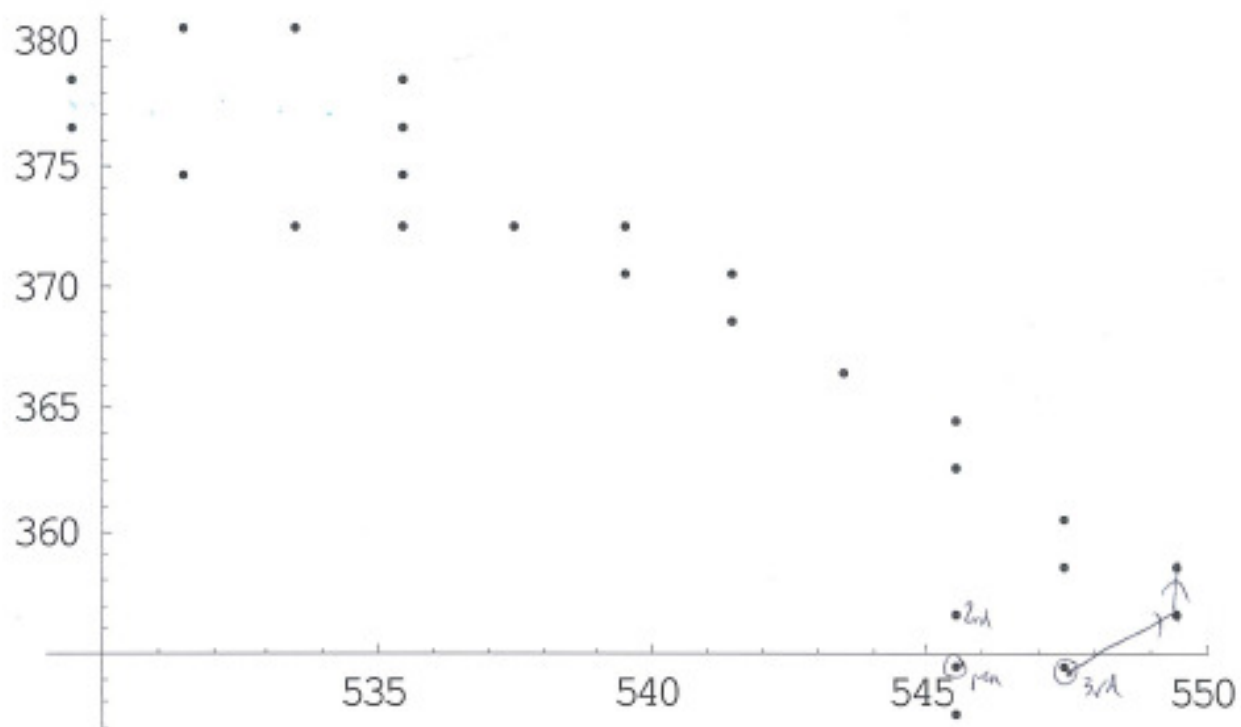
Contour 2x2



c+f vectors (main)

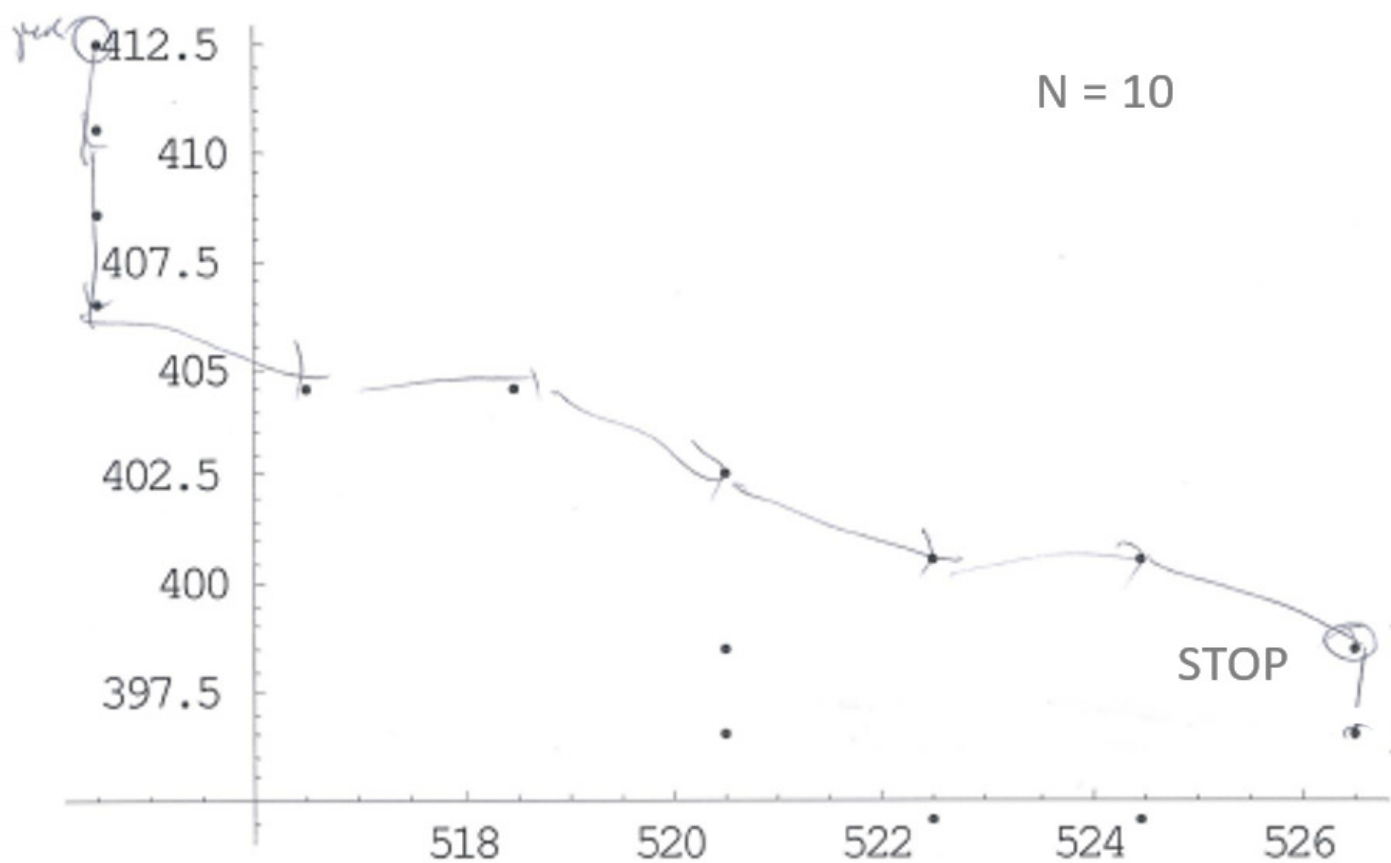


VECTOR F

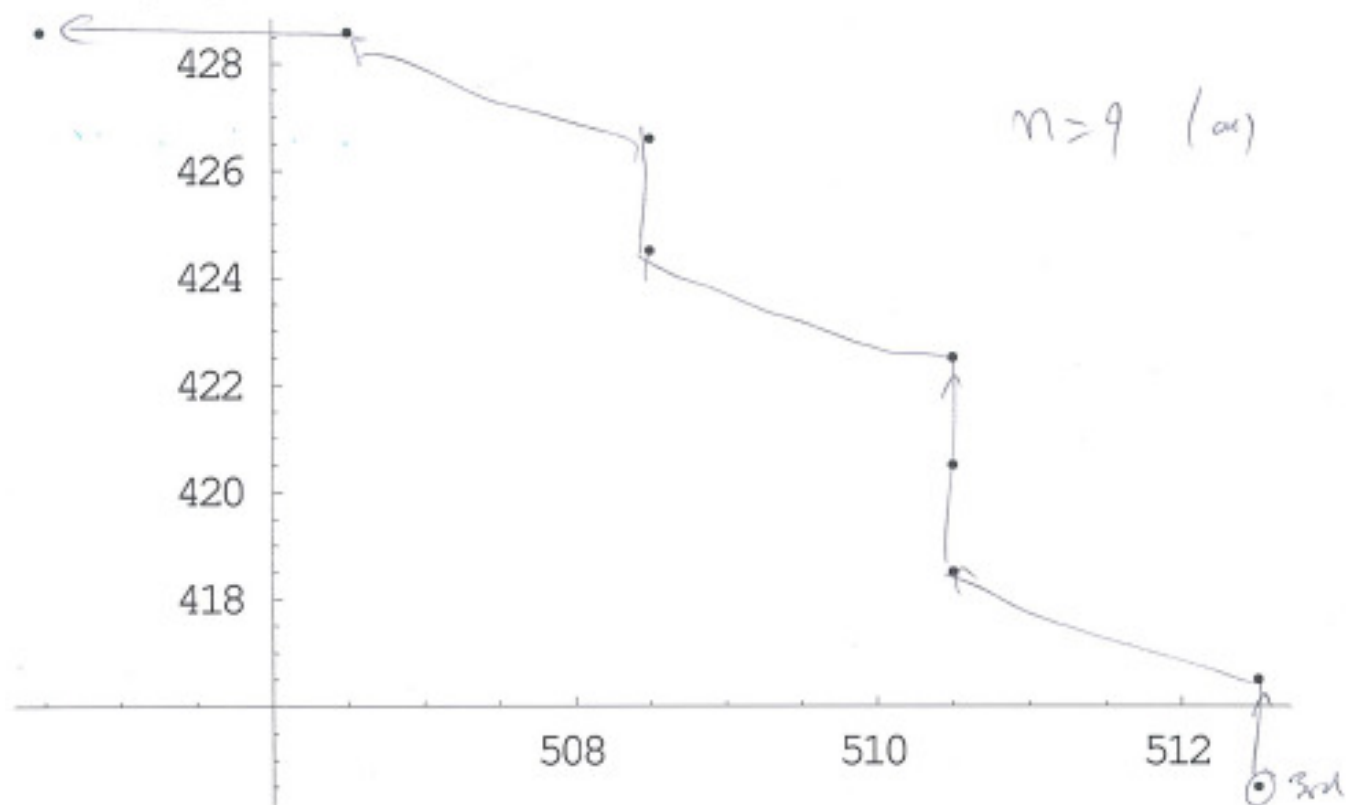


c+f vectors (lobe)

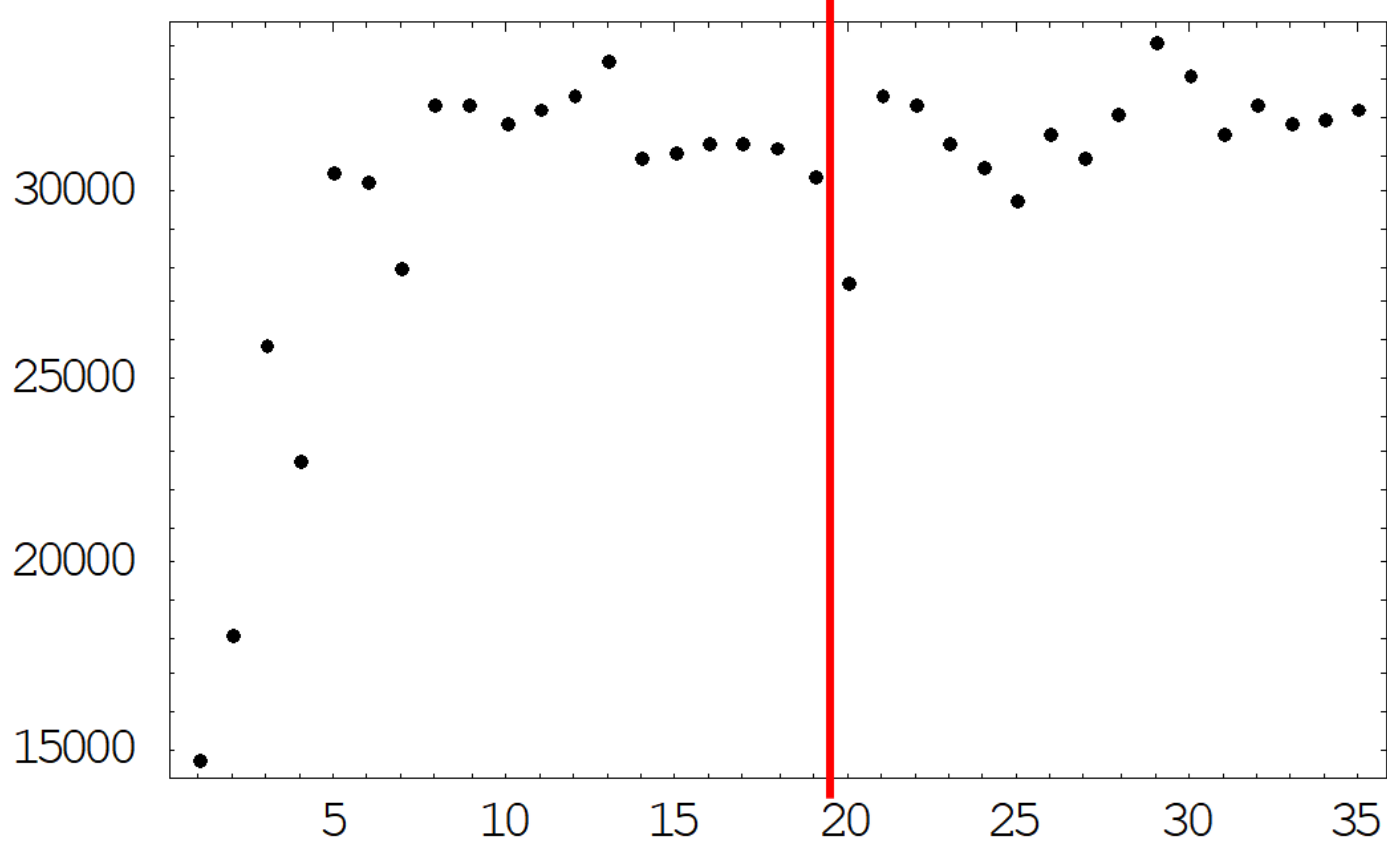
VECTOR C (LOBE)



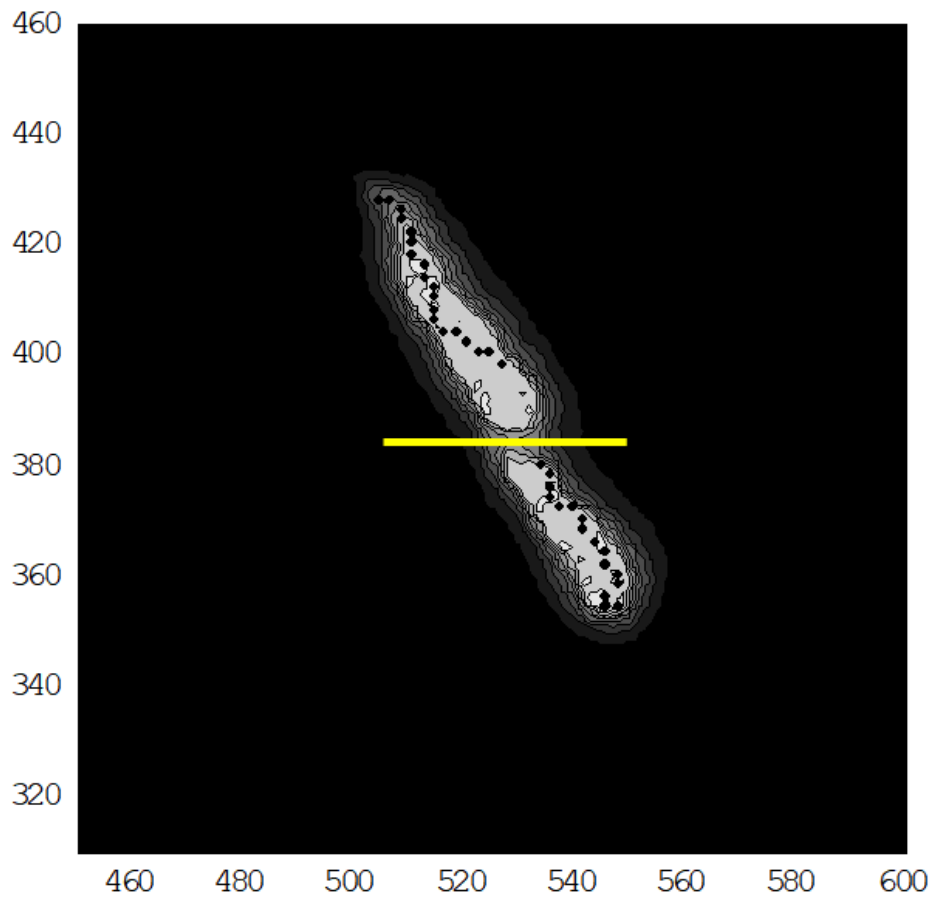
VECTOR F (LOBE)



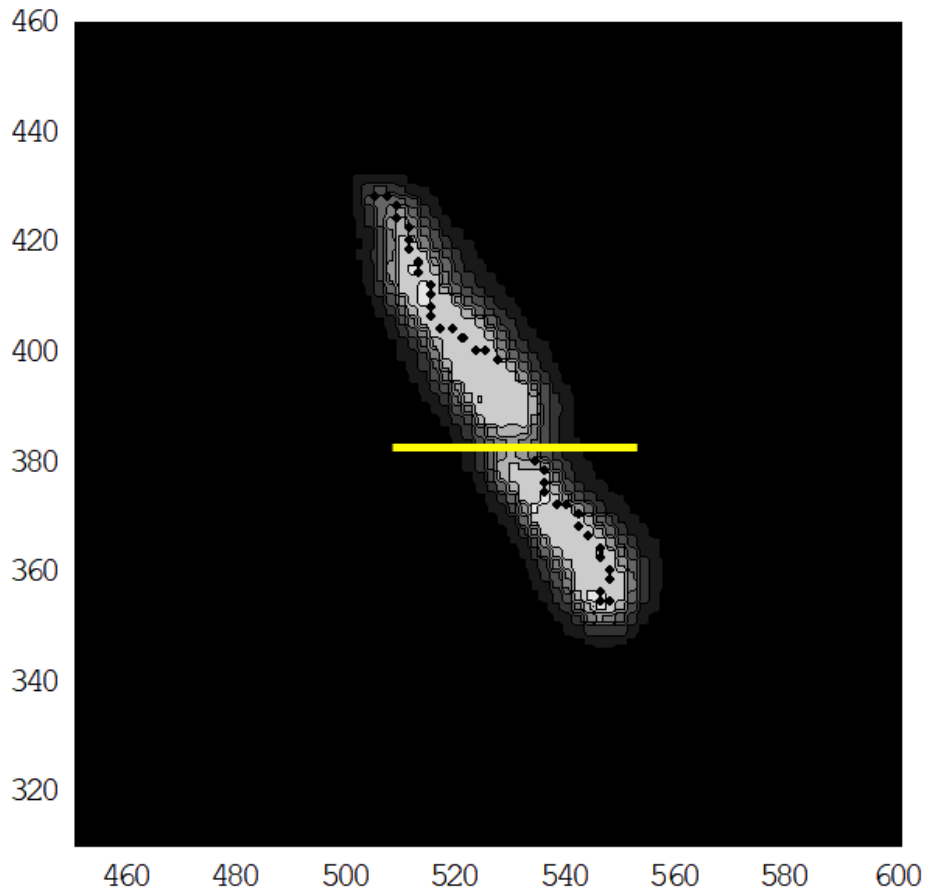
Trail (ADU profile)



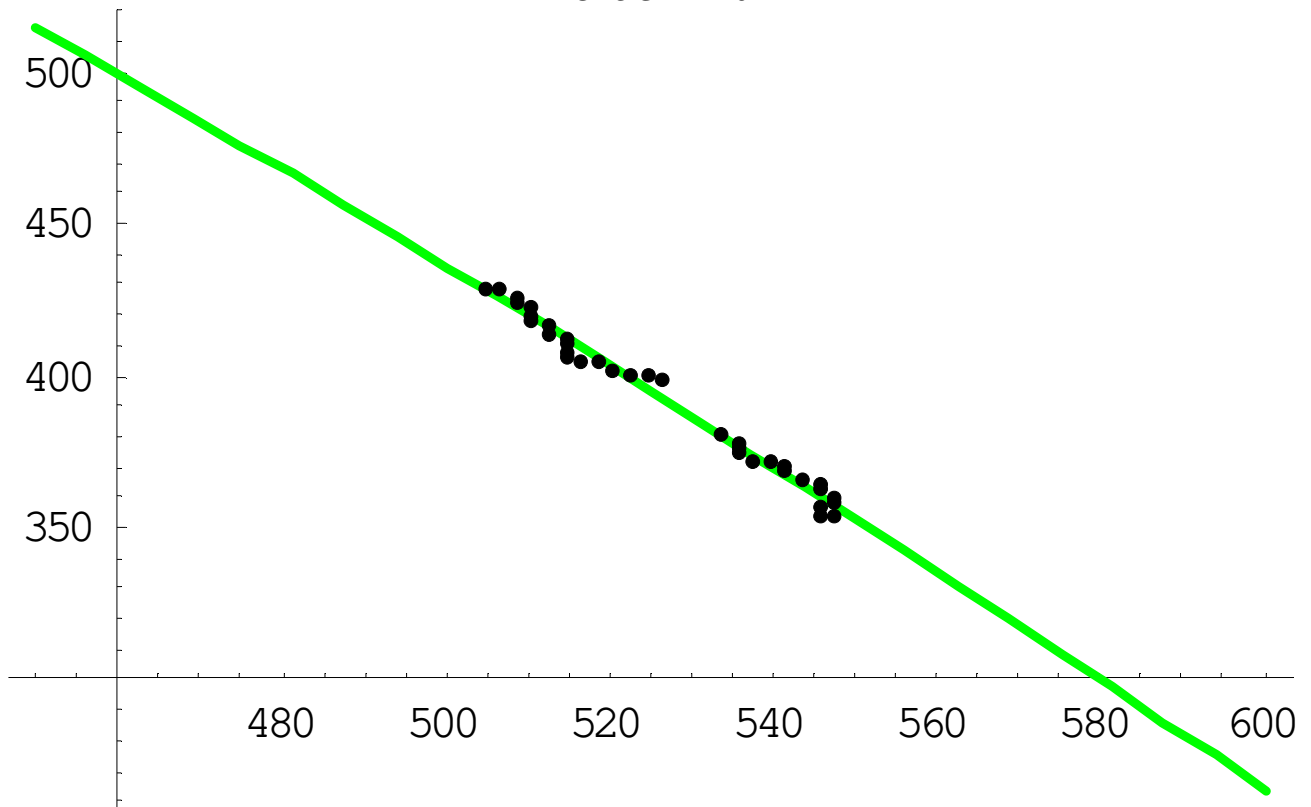
Trail + Contour 1x1



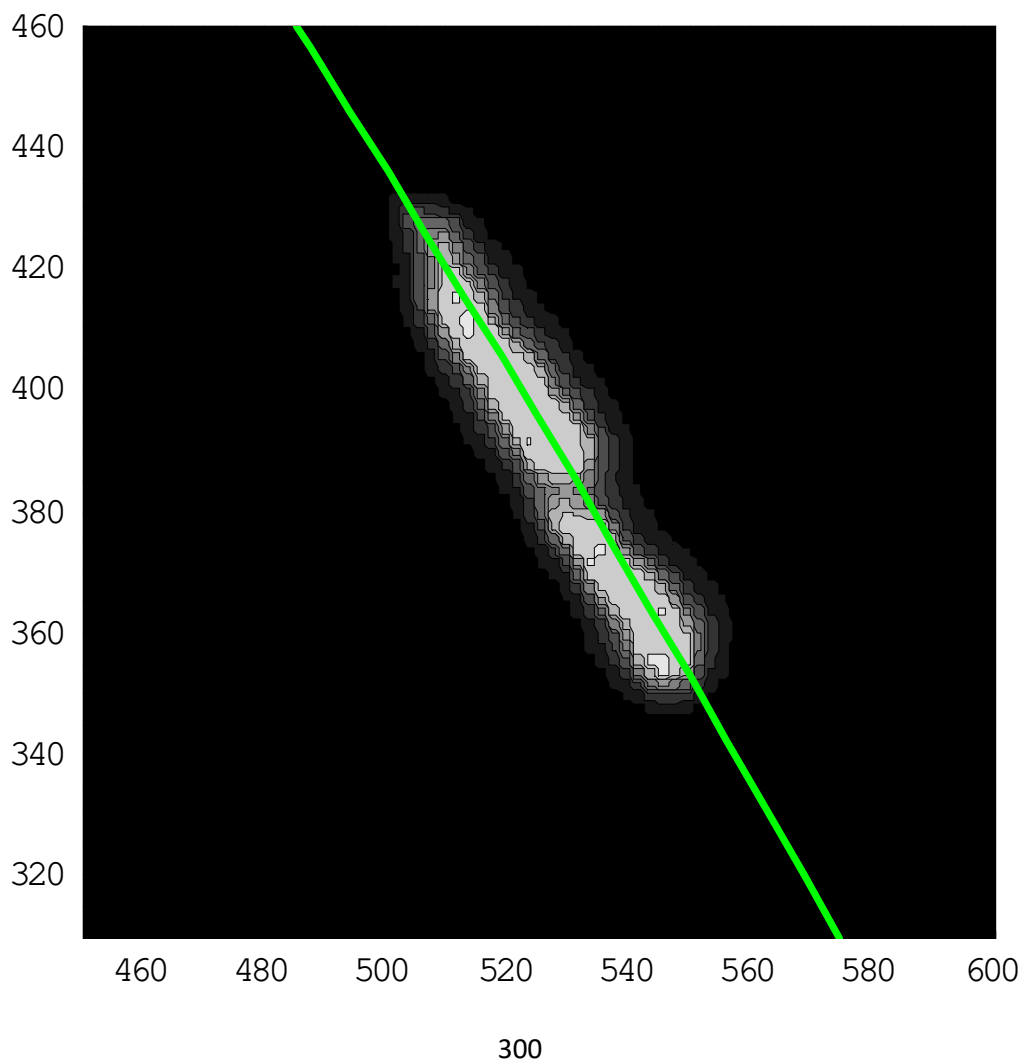
Trail + Contour 2x2



Circle '+' Fit



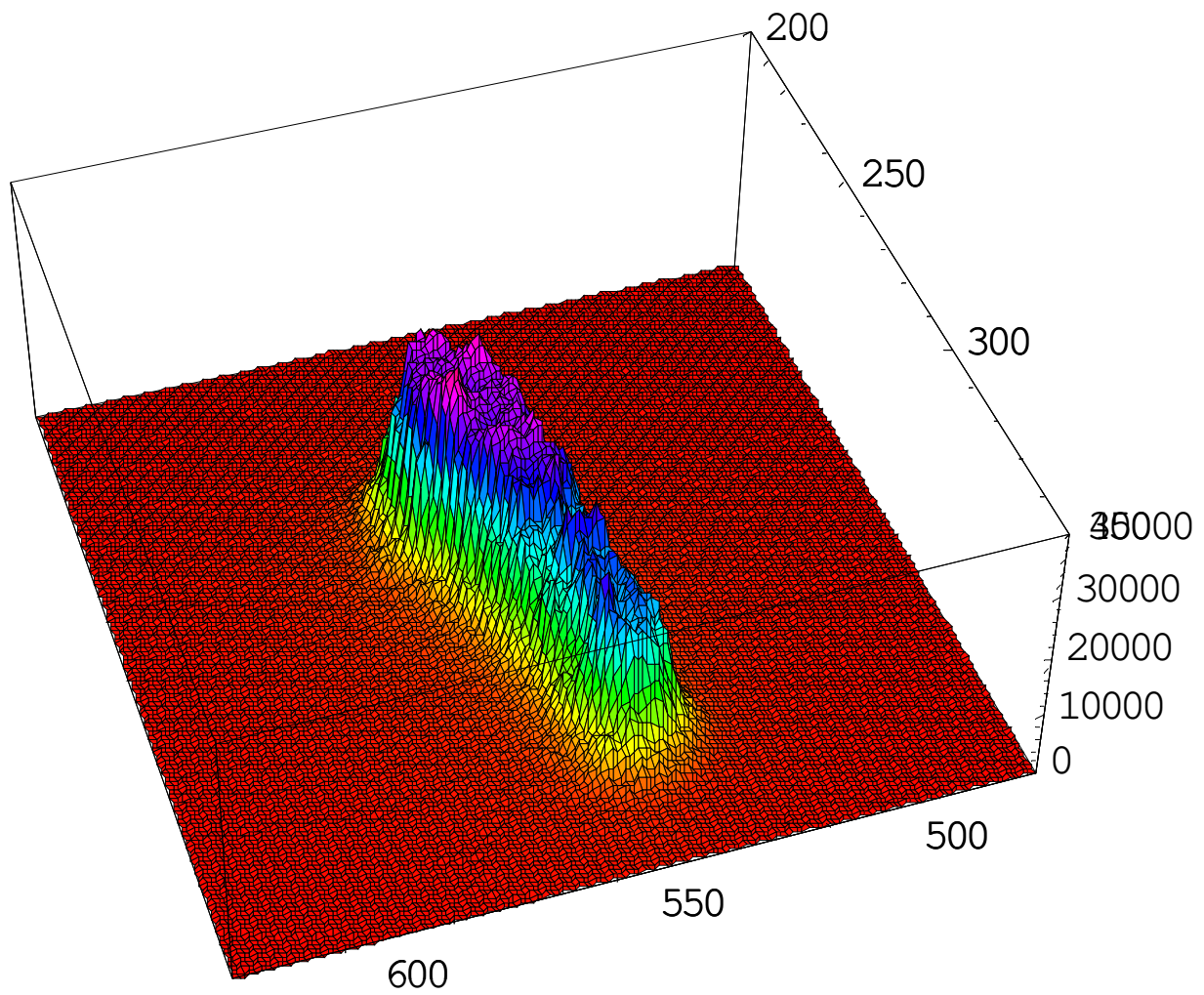
Circle '+' Fit on path



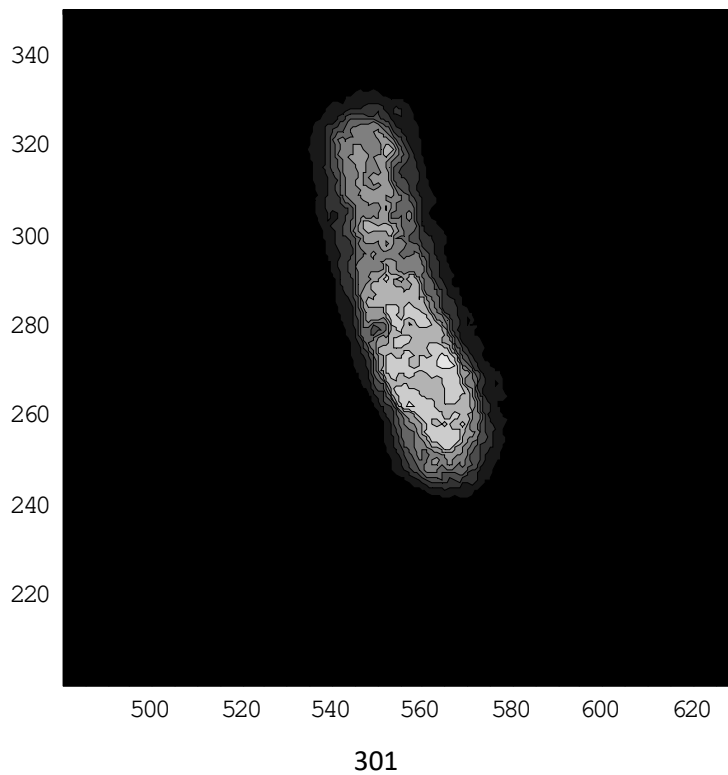
24-01-2009

C2 – PICO RUIVO DO PAUL (with “lobe work”)

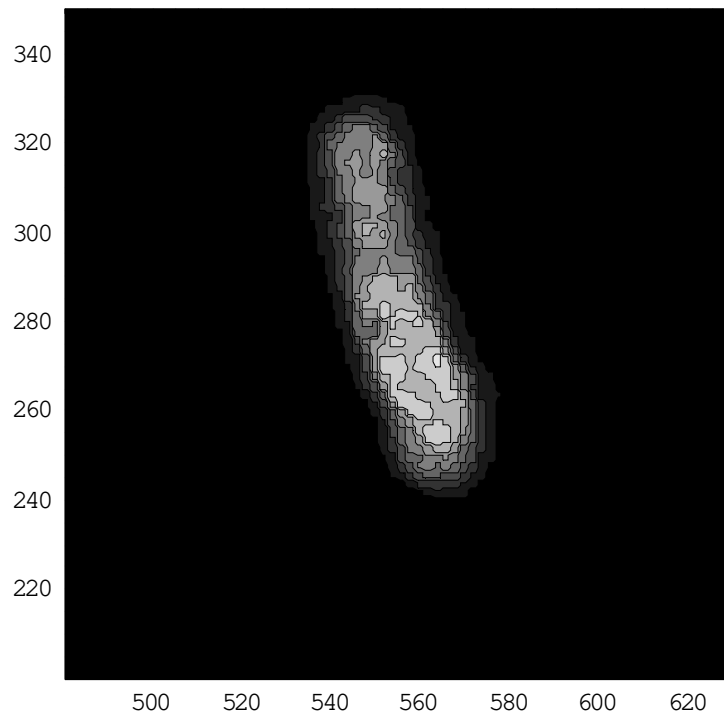
Trail 3D



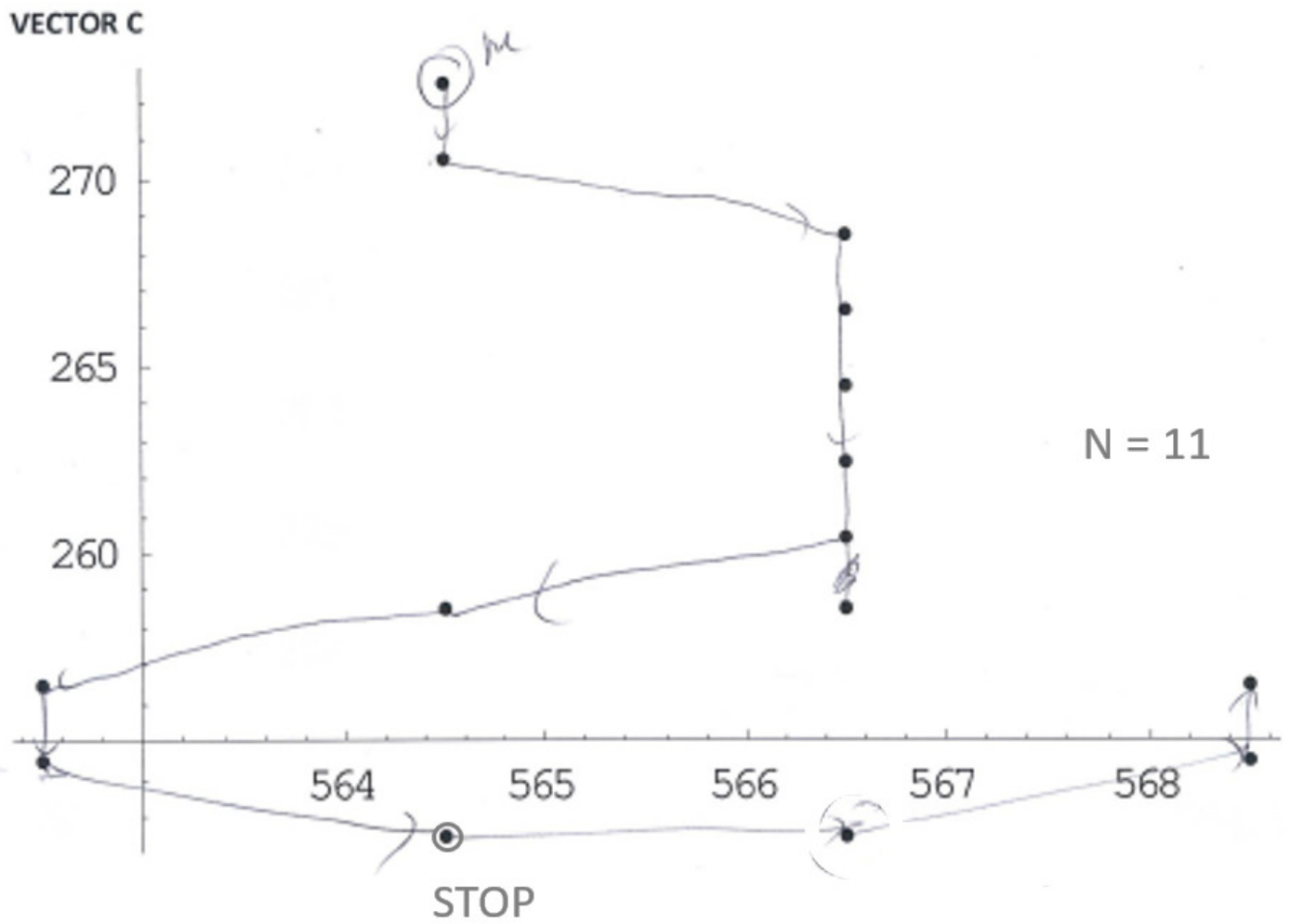
Contour 1x1



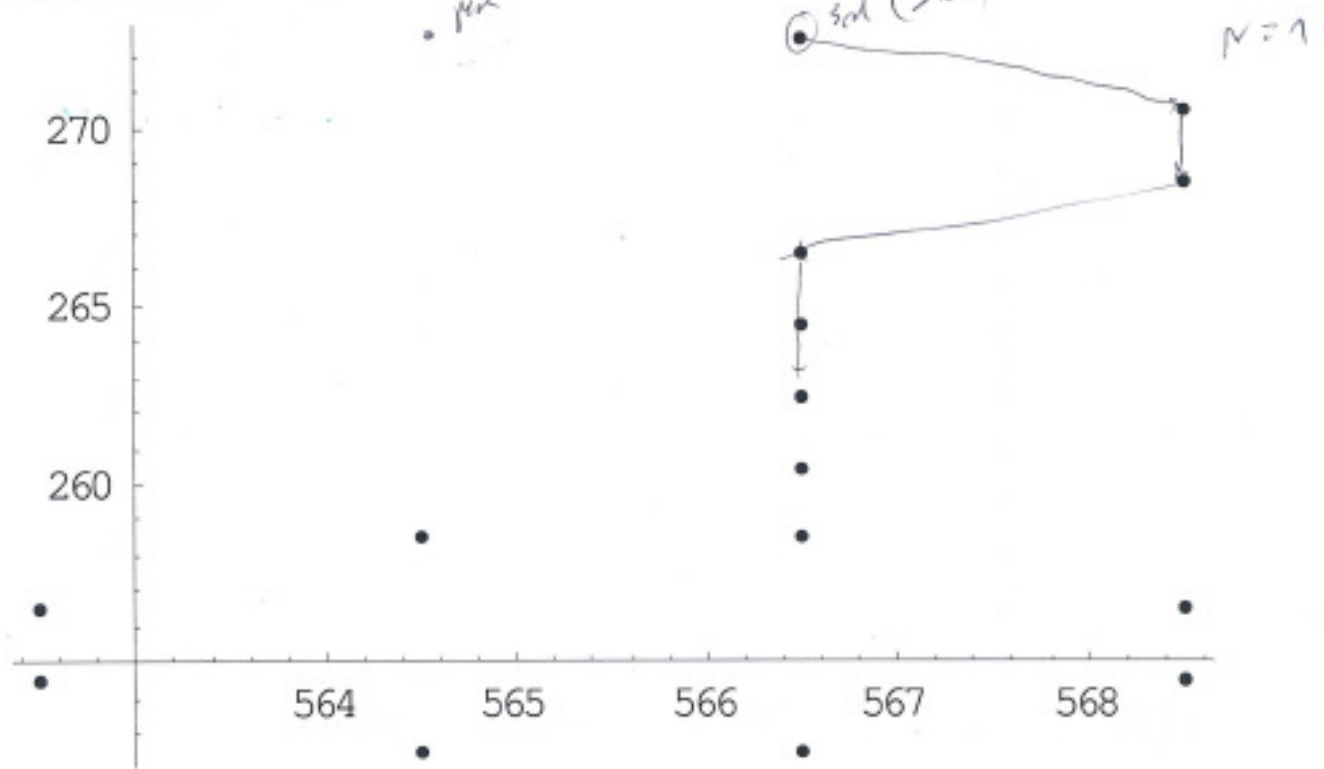
Contour 2x2



c+f vectors (main)

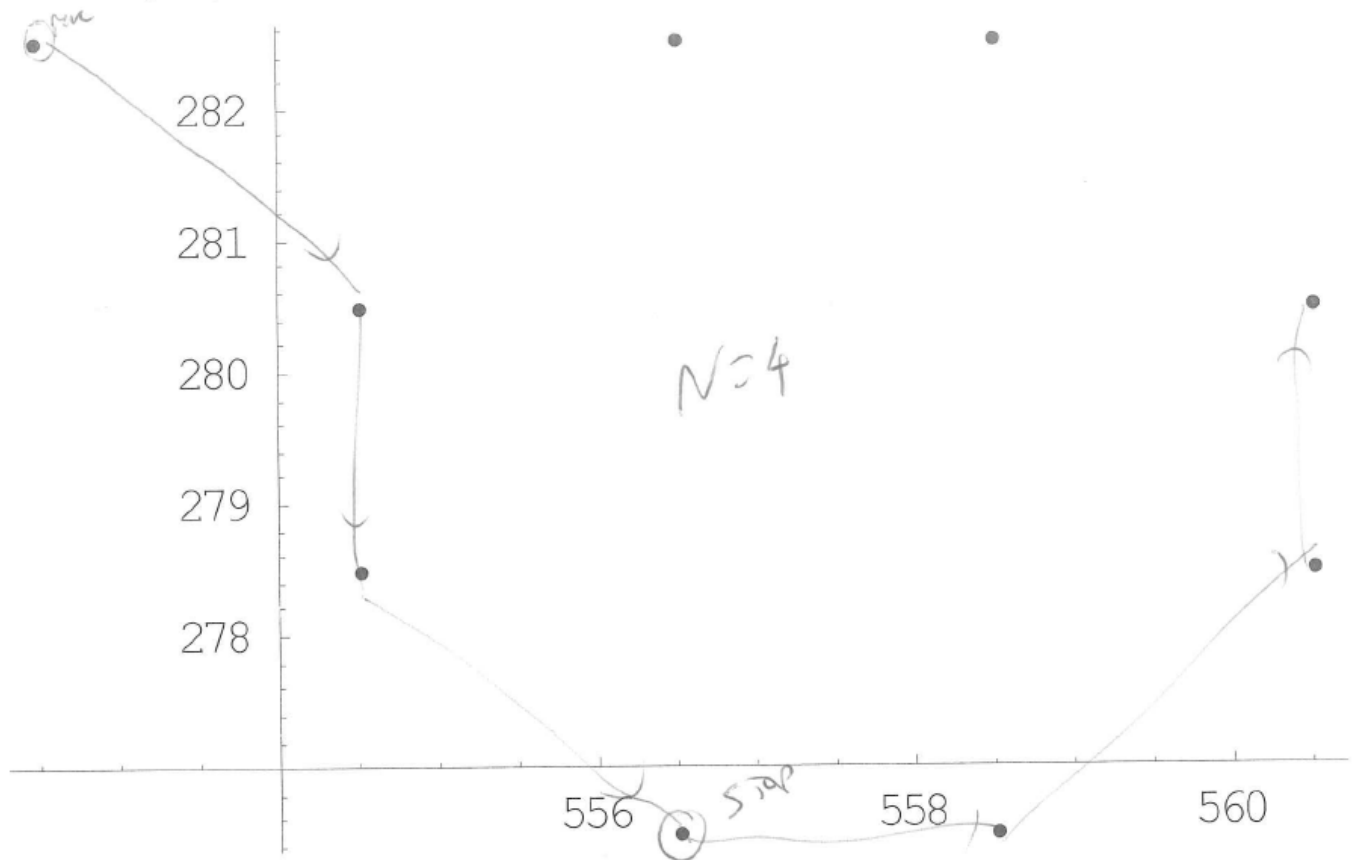


VECTOR F

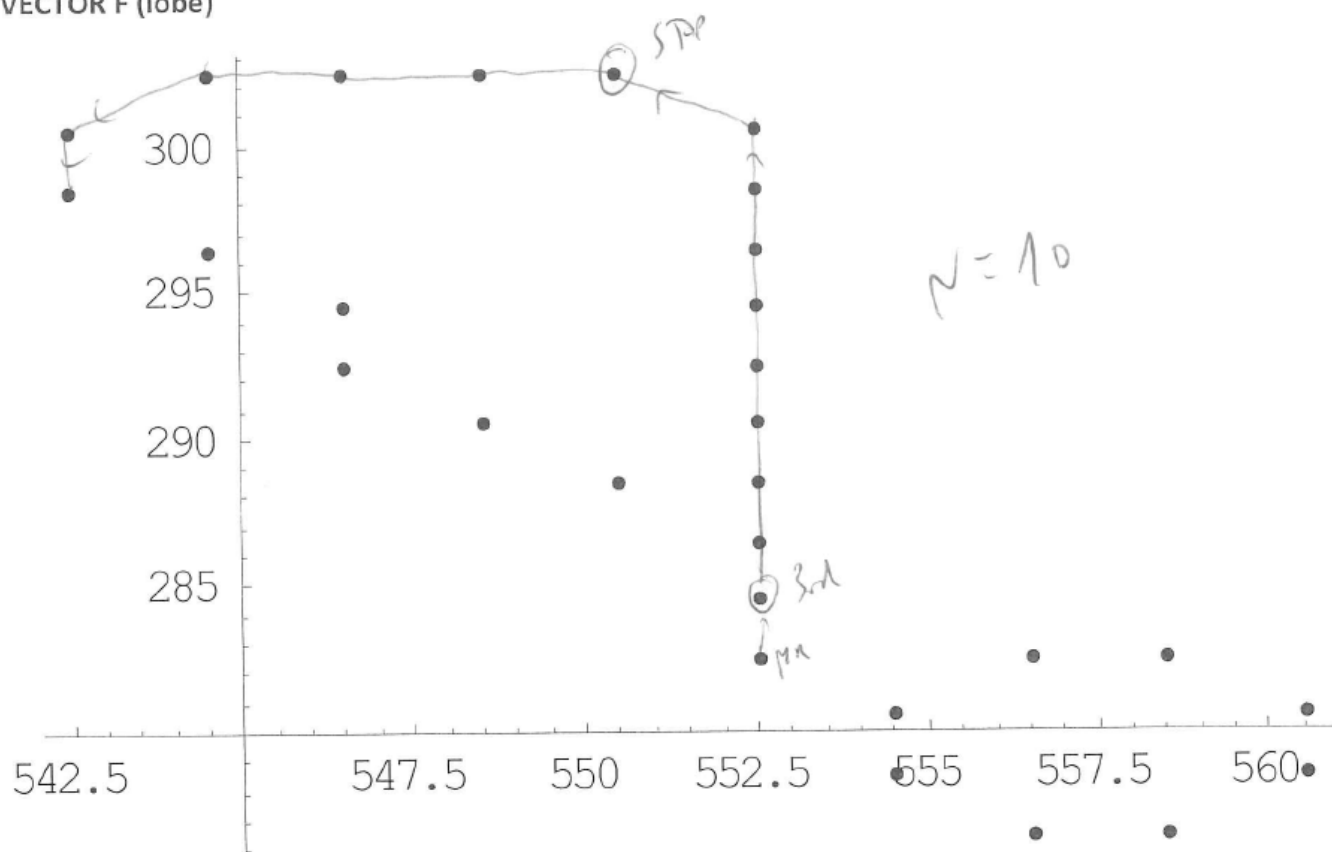


c+f vectors (lobe)

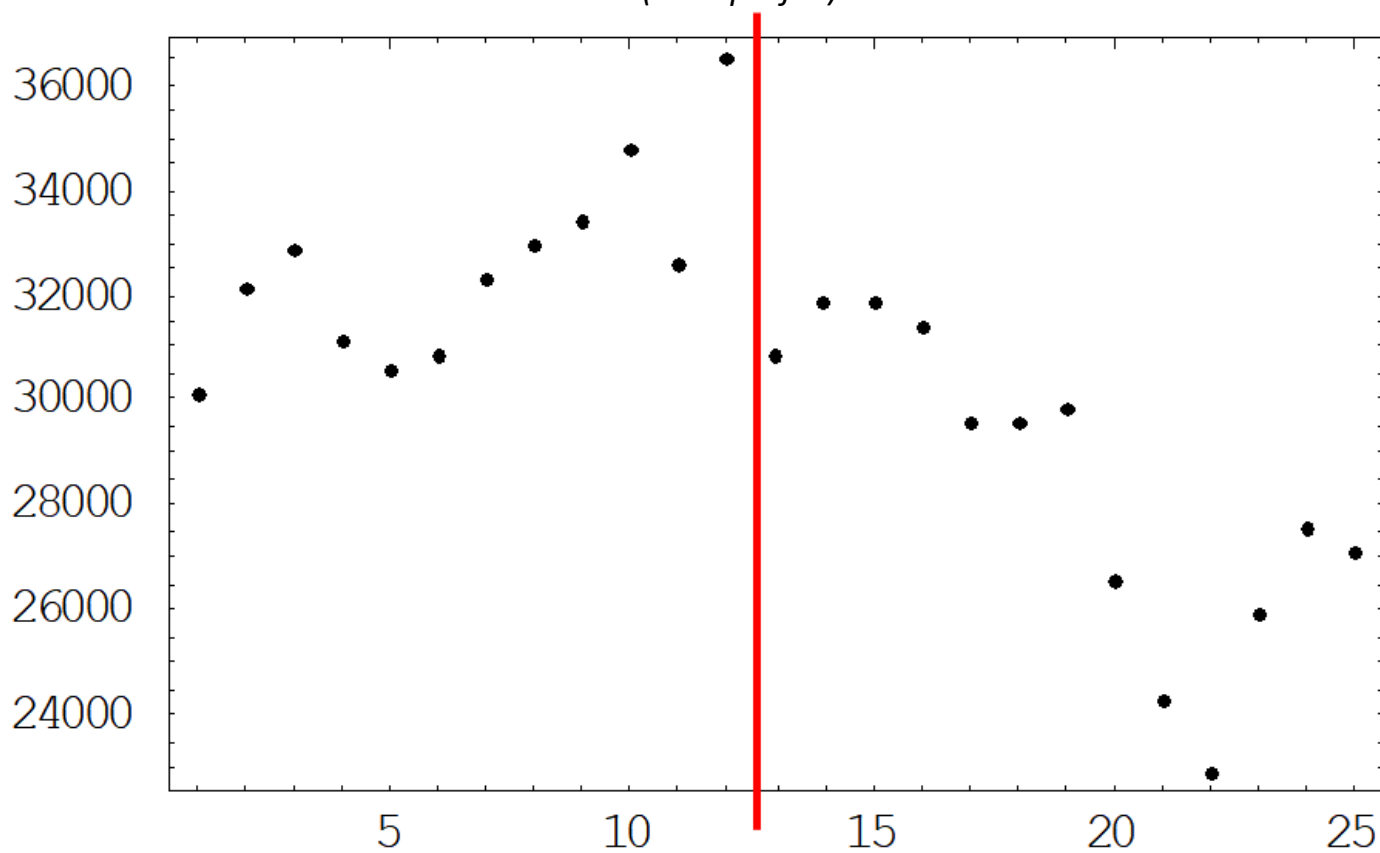
VECTOR C (lobe)



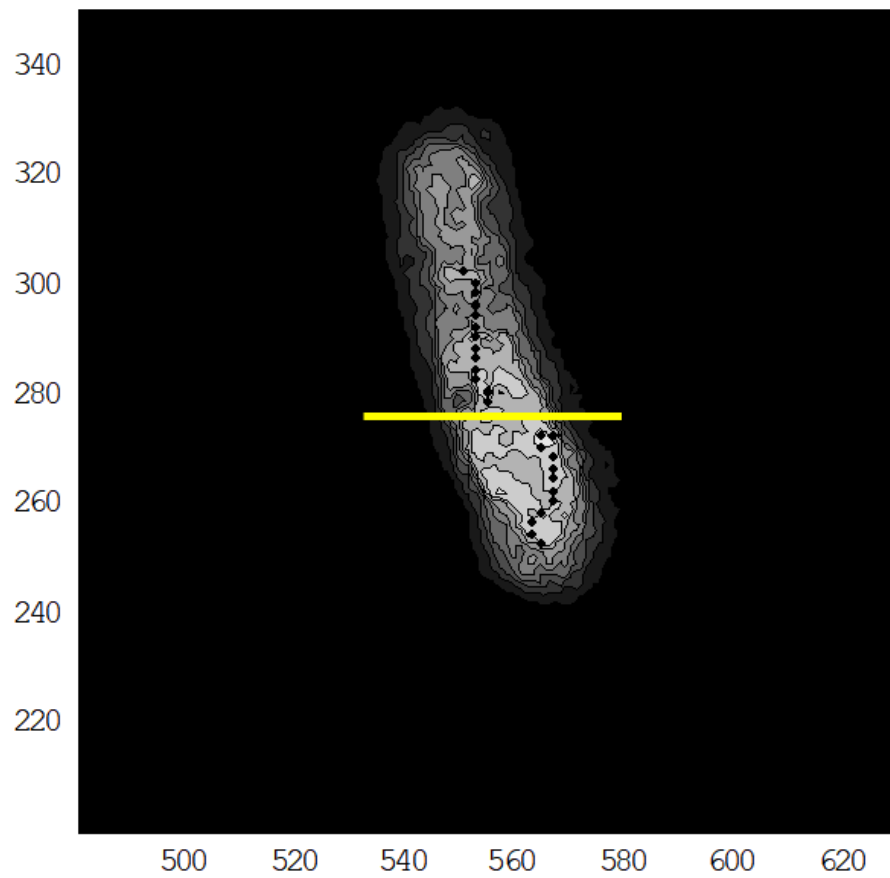
VECTOR F (lobe)



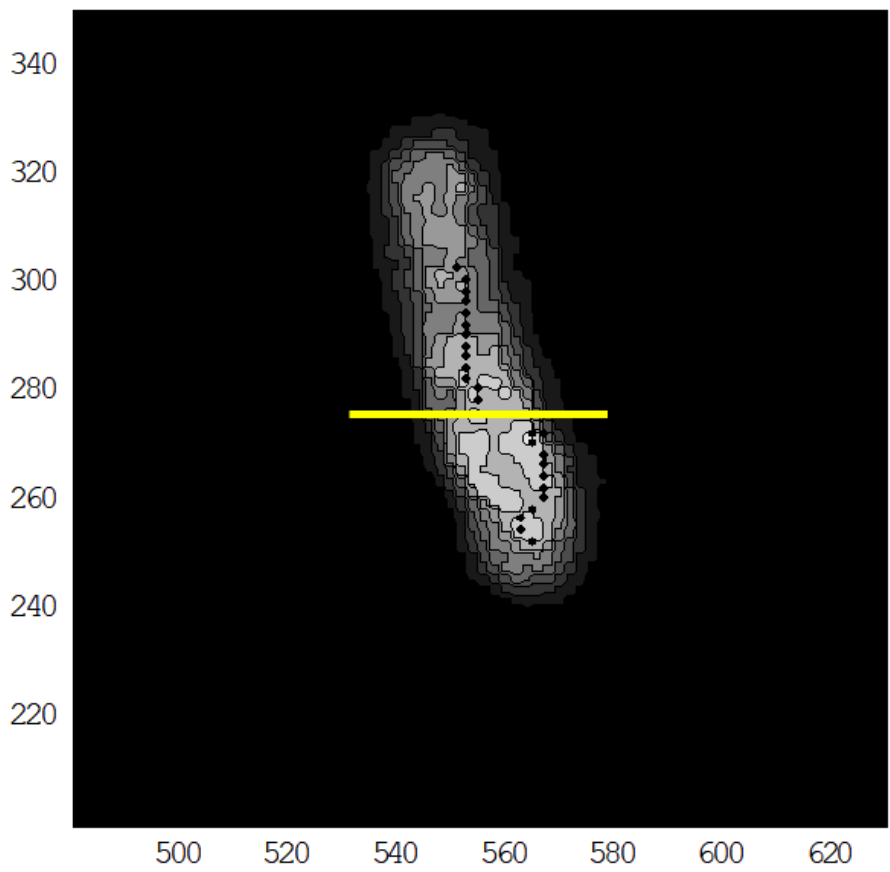
Trail (ADU profile)



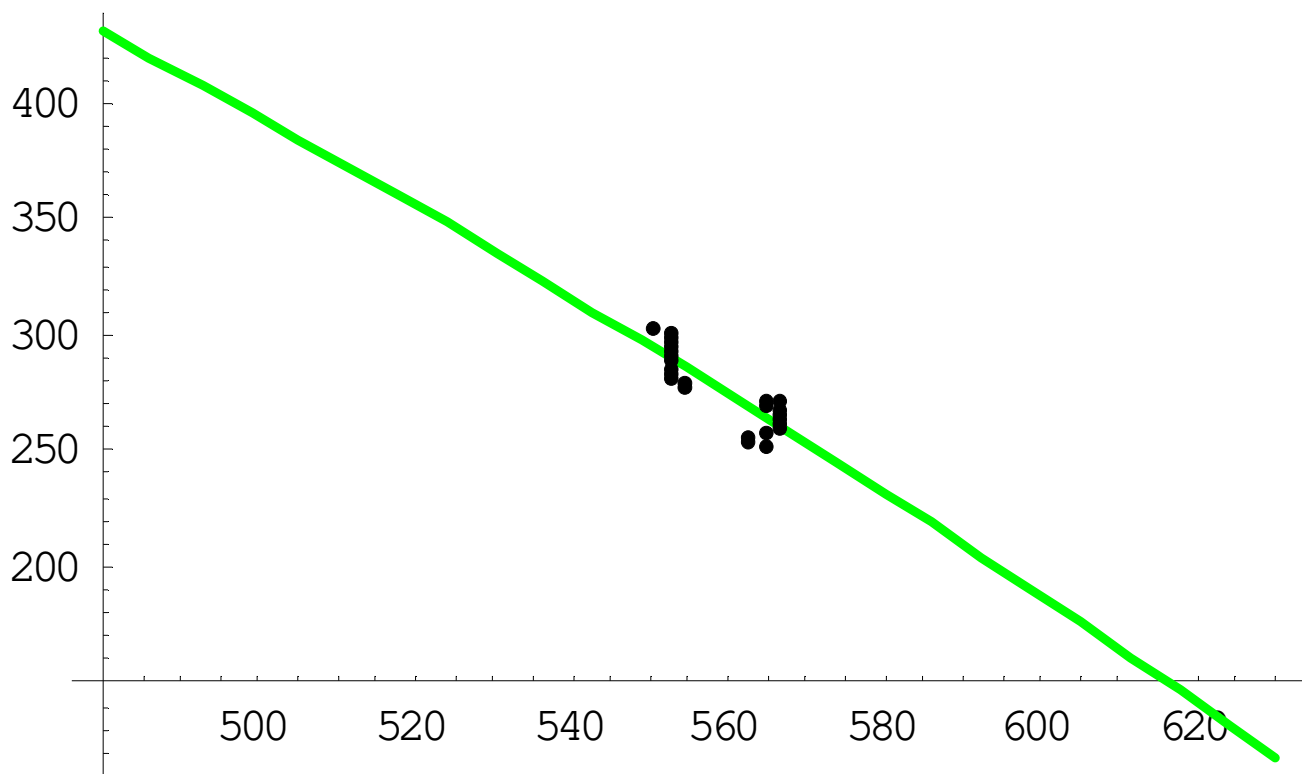
Trail + Contour 1x1



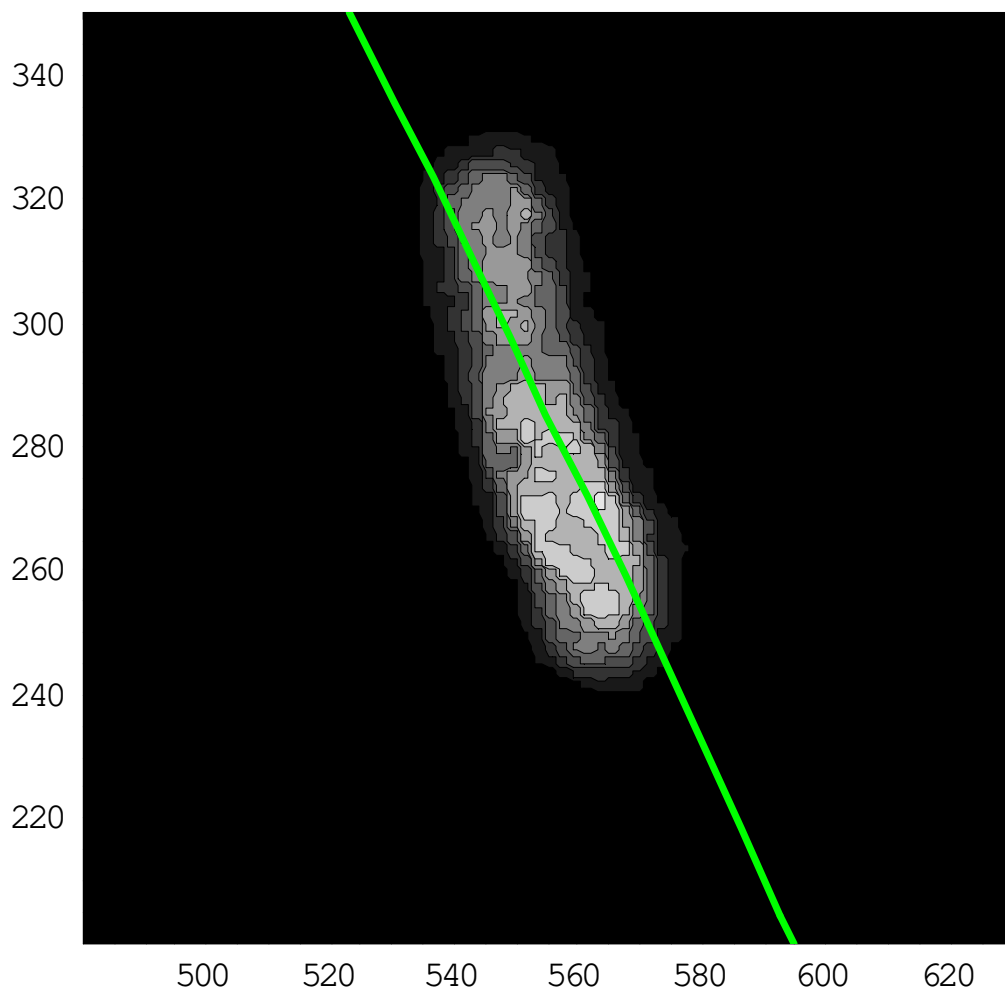
Trail + Contour 2x2



Circle Fit



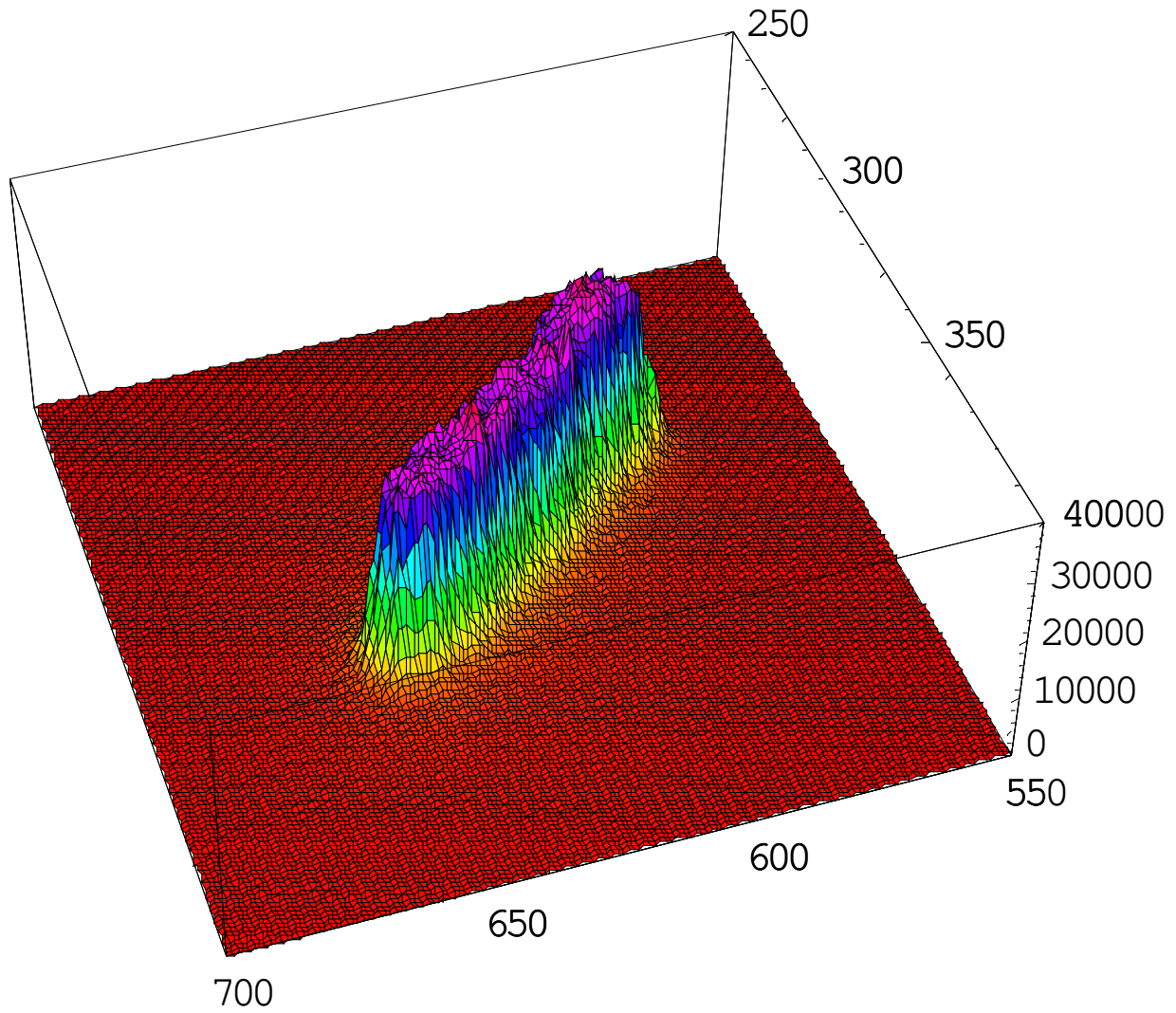
Circle Fit on path



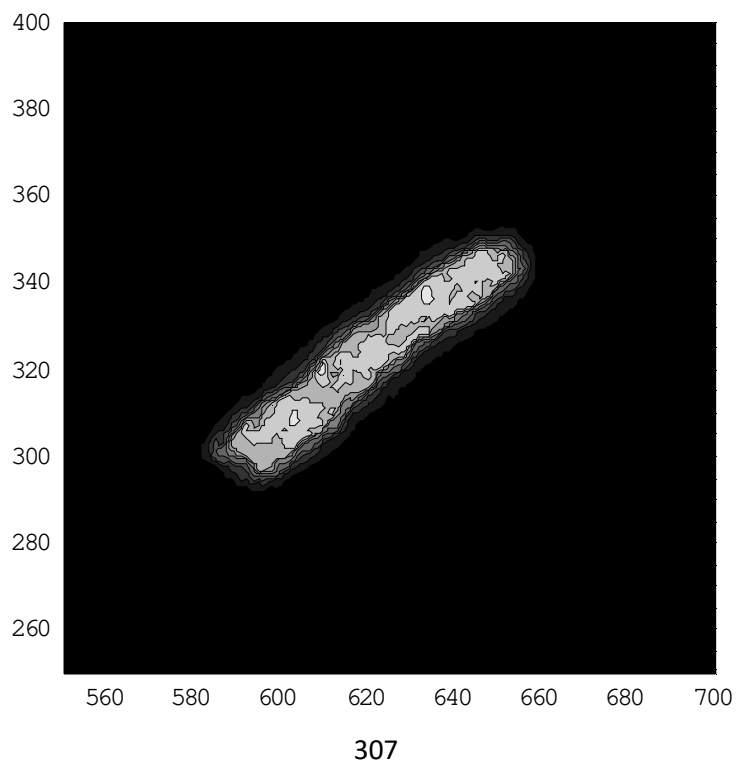
24-01-2009

C3 – BICA DA CANA (with “lobe work”)

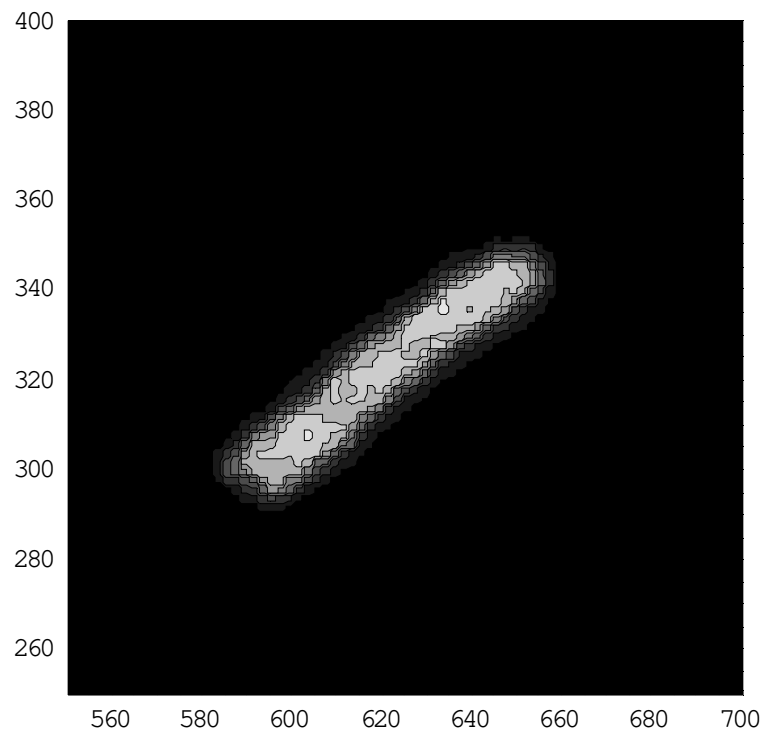
Trail 3D



Contour 1x1

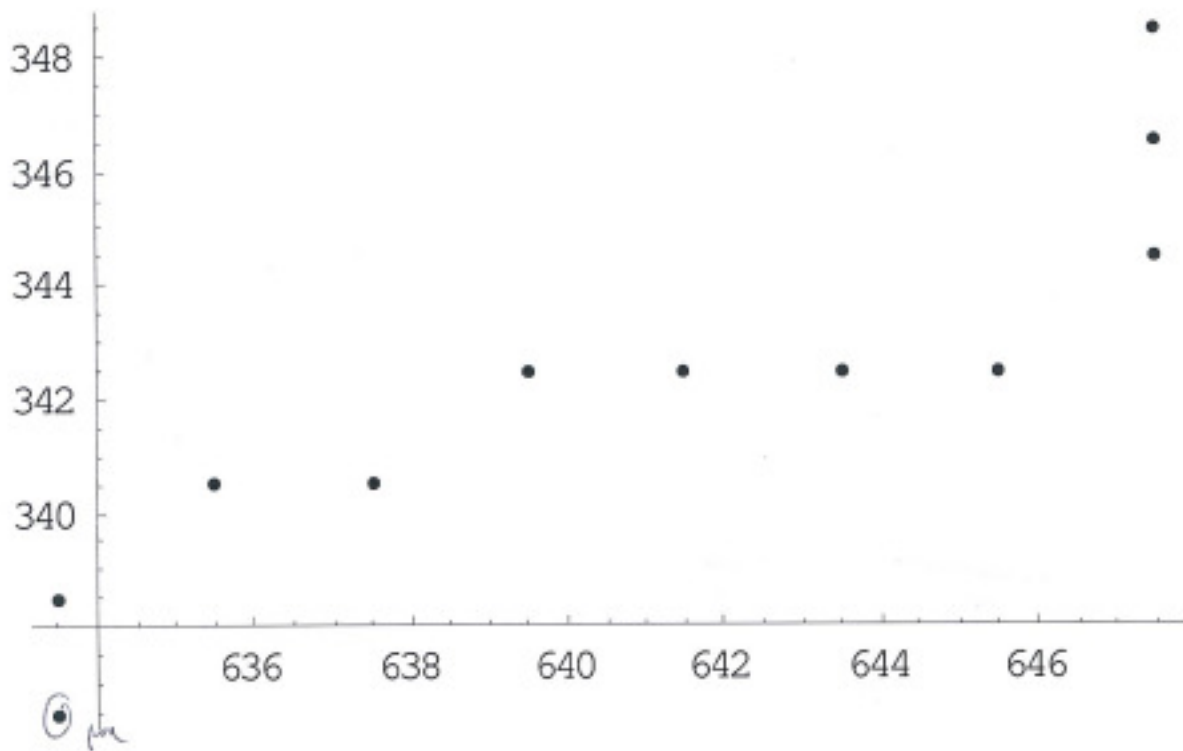


Contour 2x2

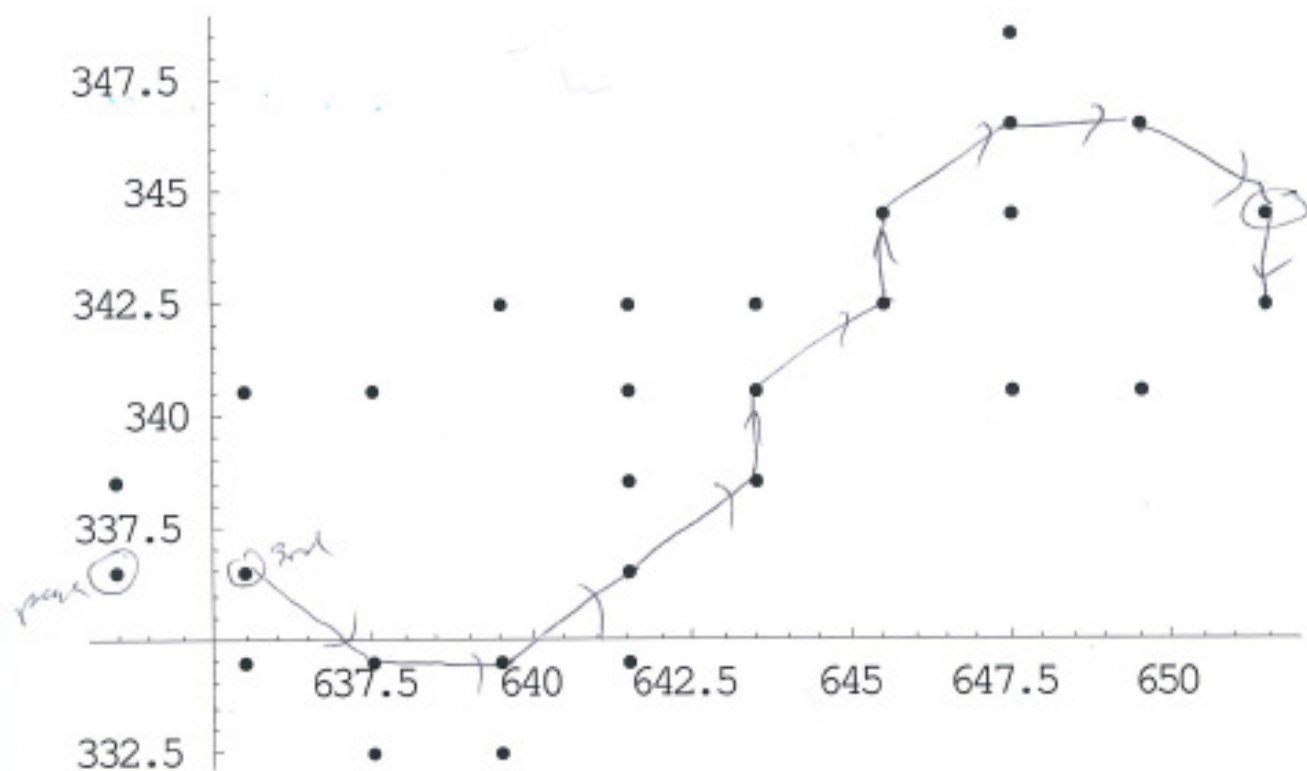


c+f vectors (main)

VECTOR C

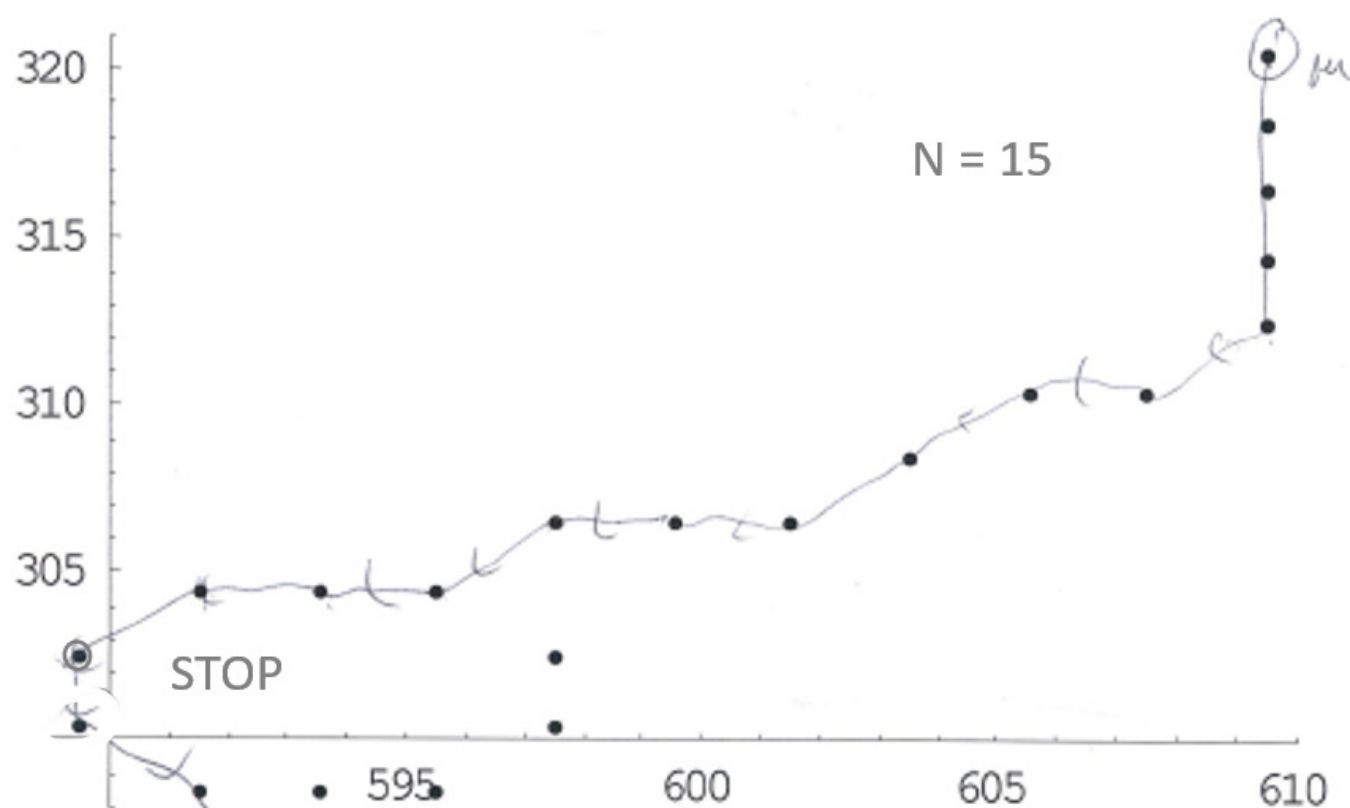


VECTOR F

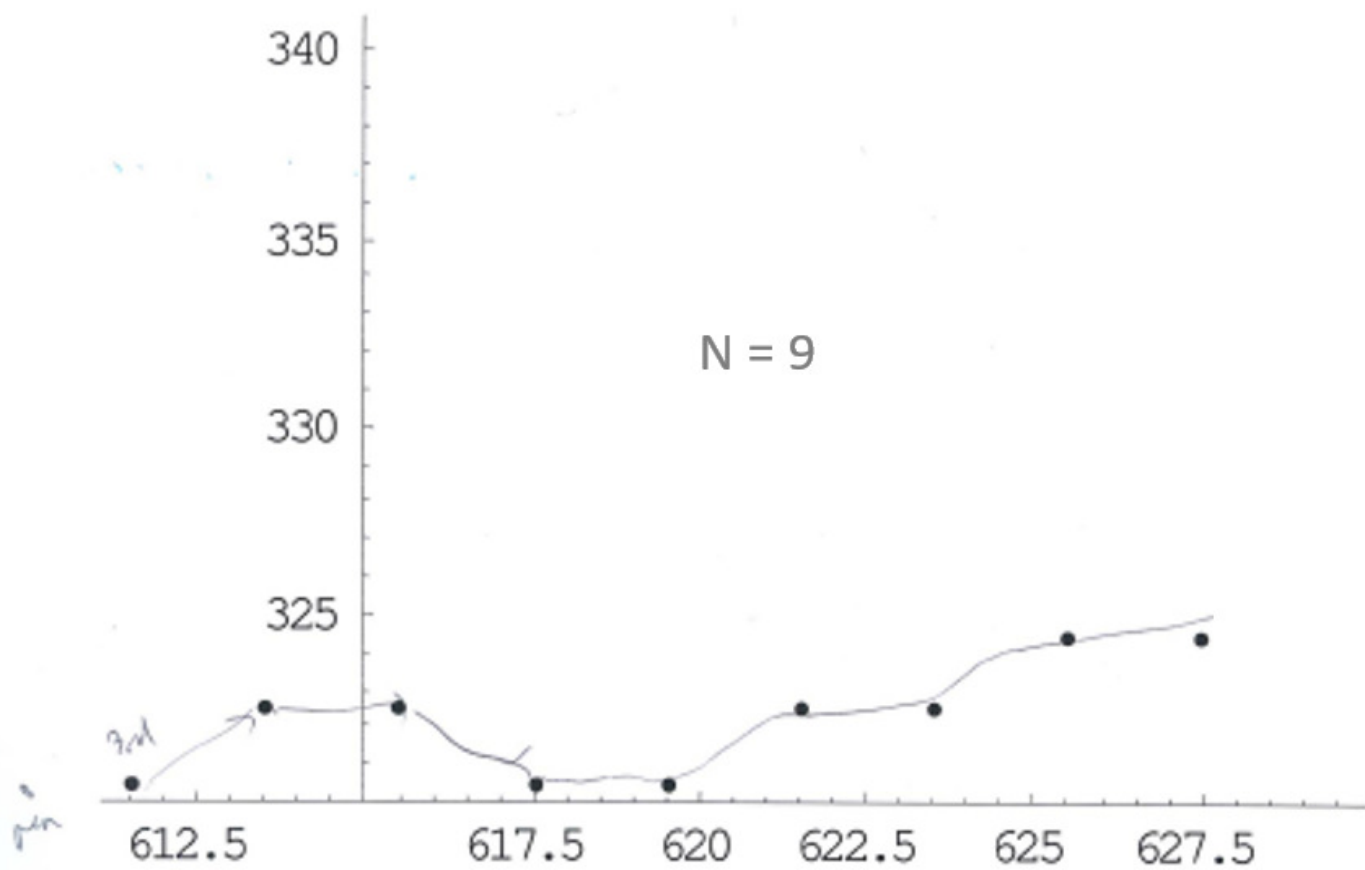


c+f vectors (lobe)

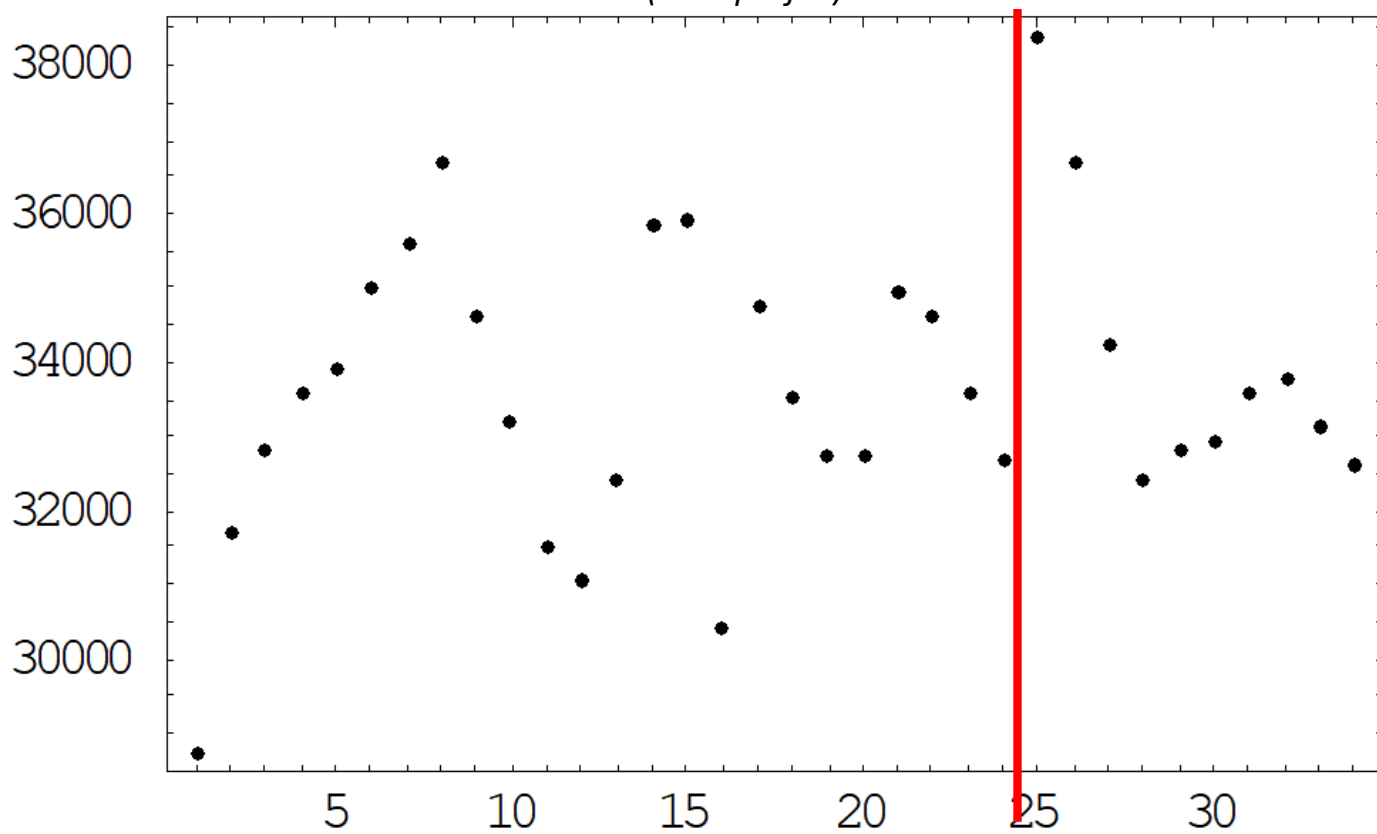
VECTOR C (LOBE)



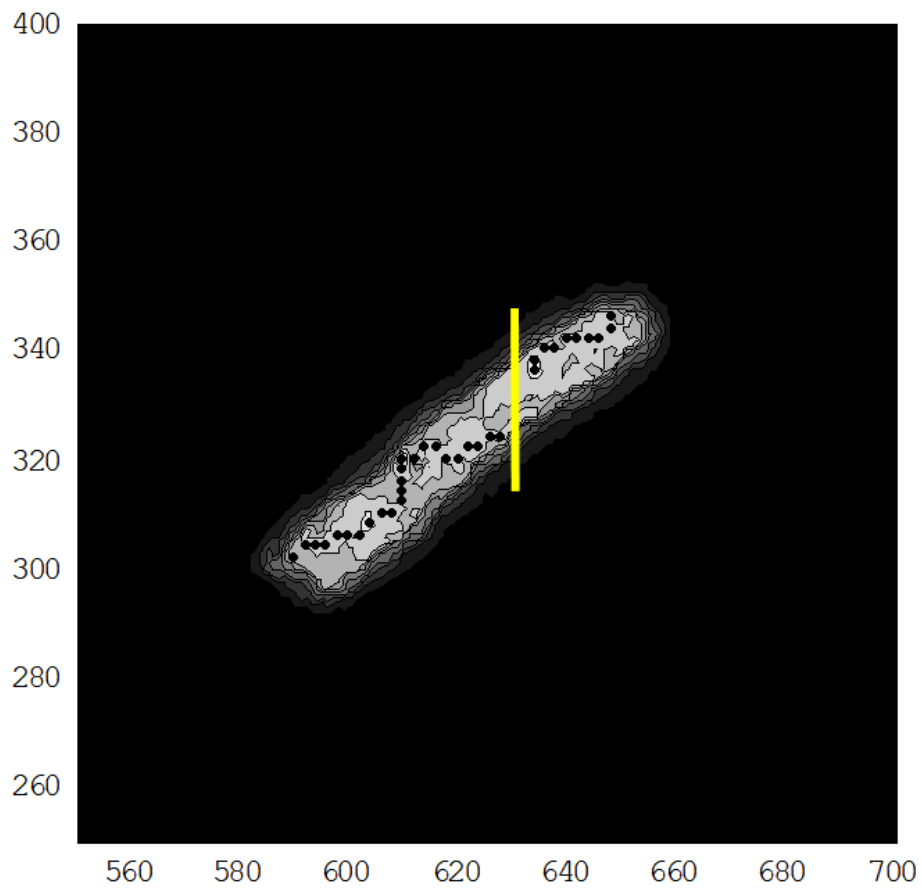
VECTOR F (LOBE)



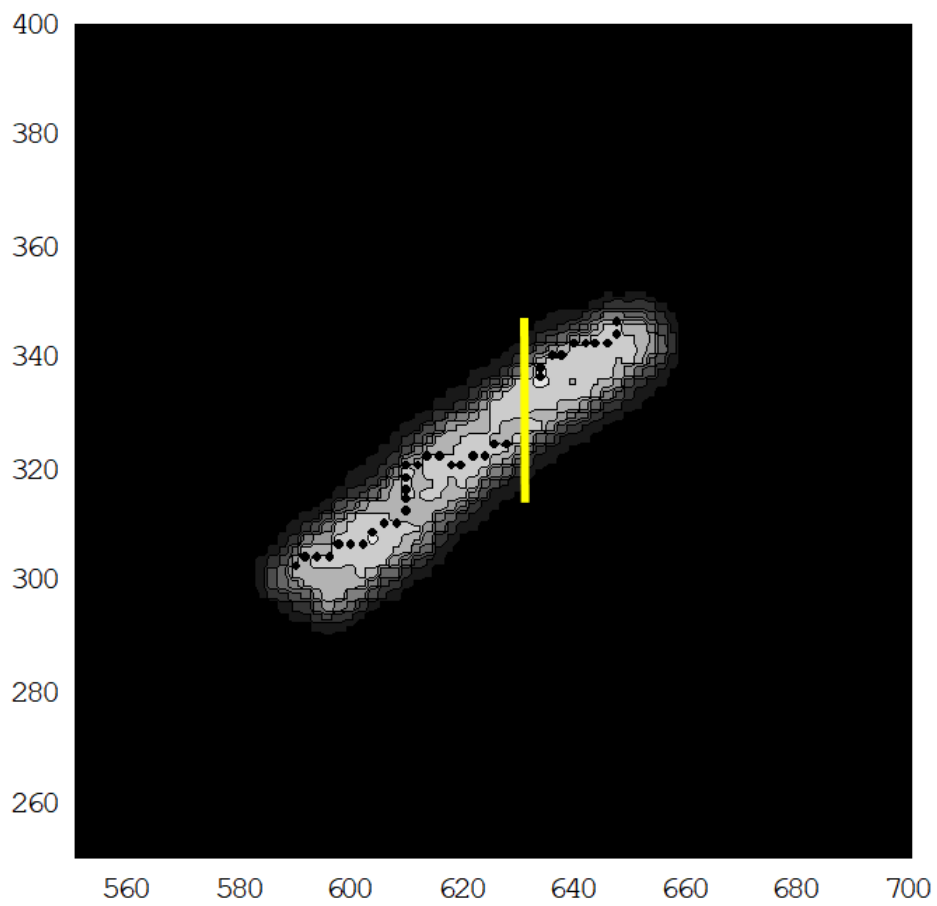
Trail (ADU profile)



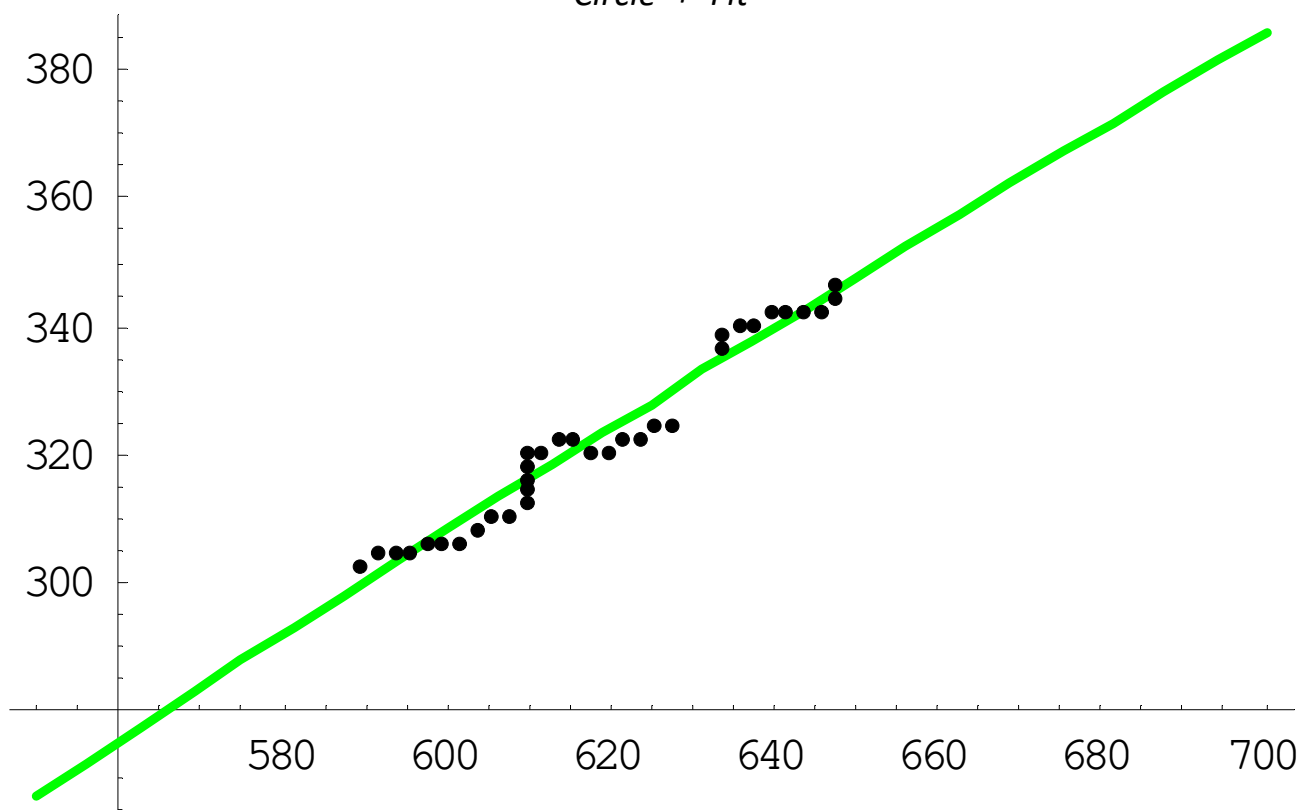
Trail + Contour 1x1



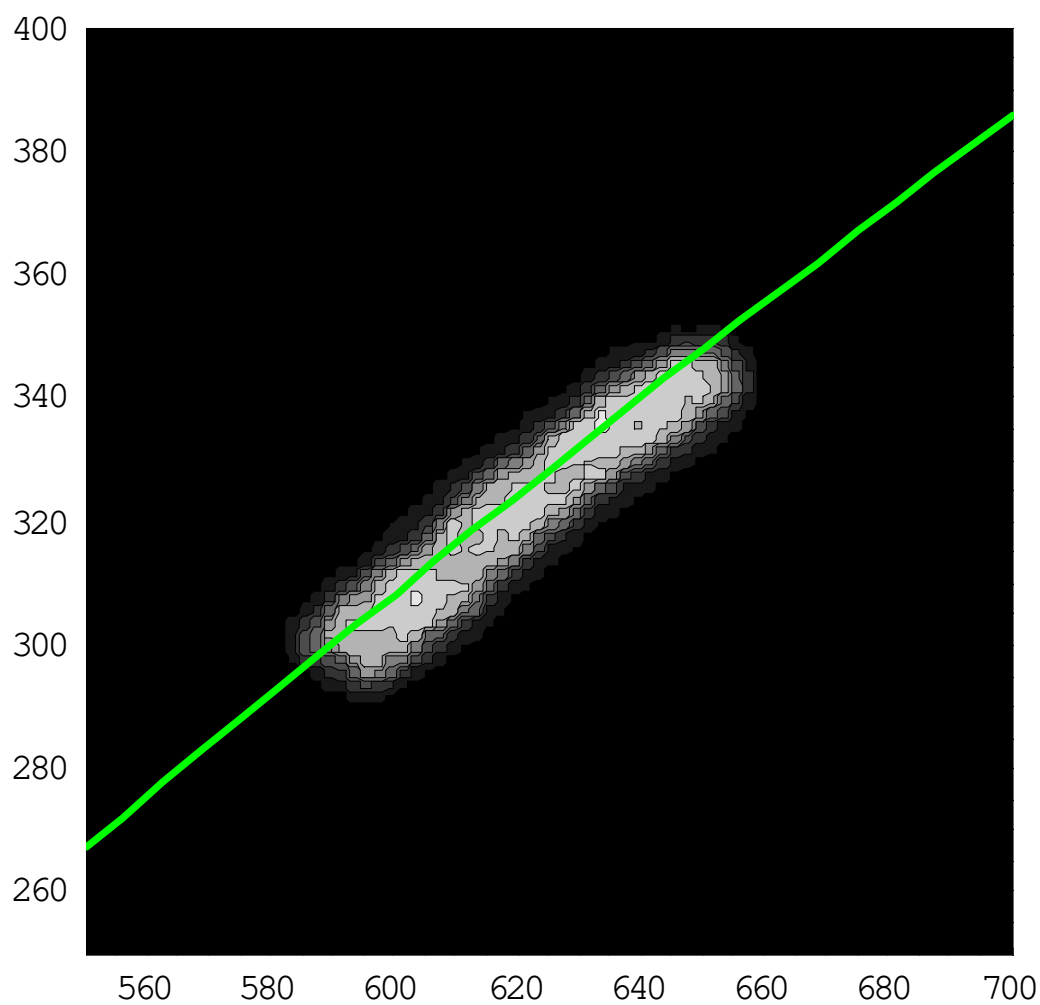
Trail + Contour 2x2



Circle '+' Fit

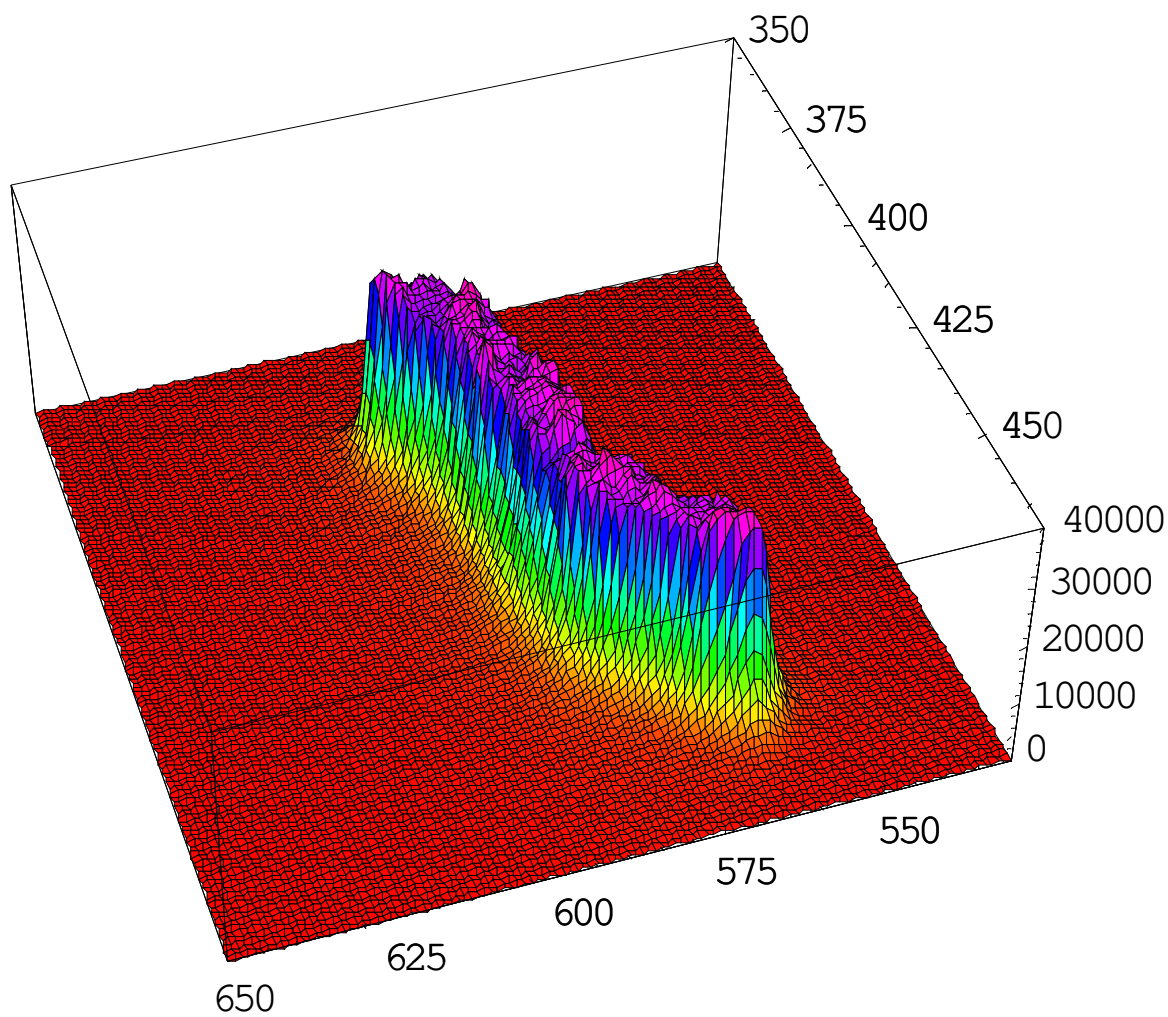


Circle '+' Fit on path

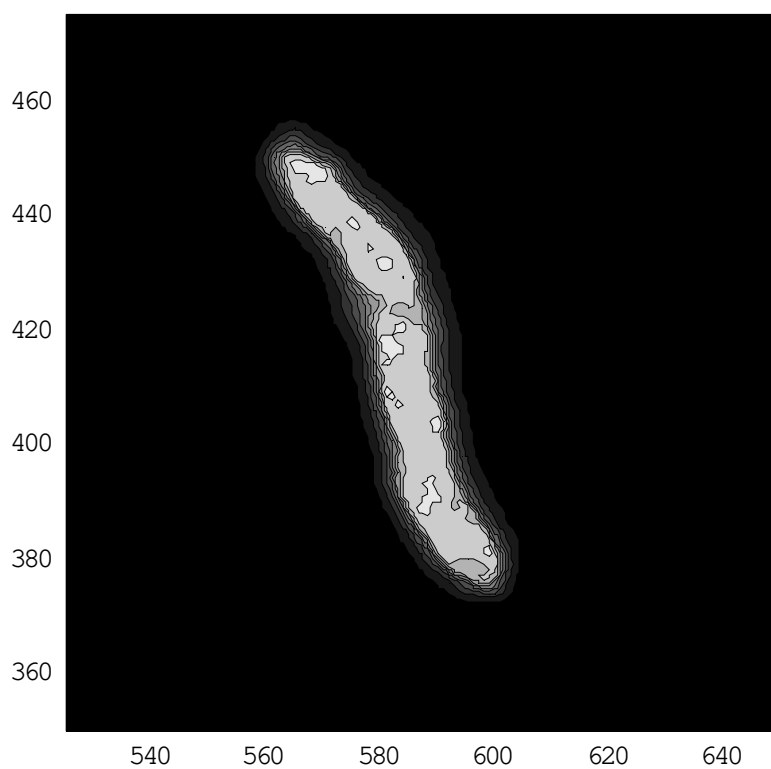


12-02-2009 A1 - JUNCAL

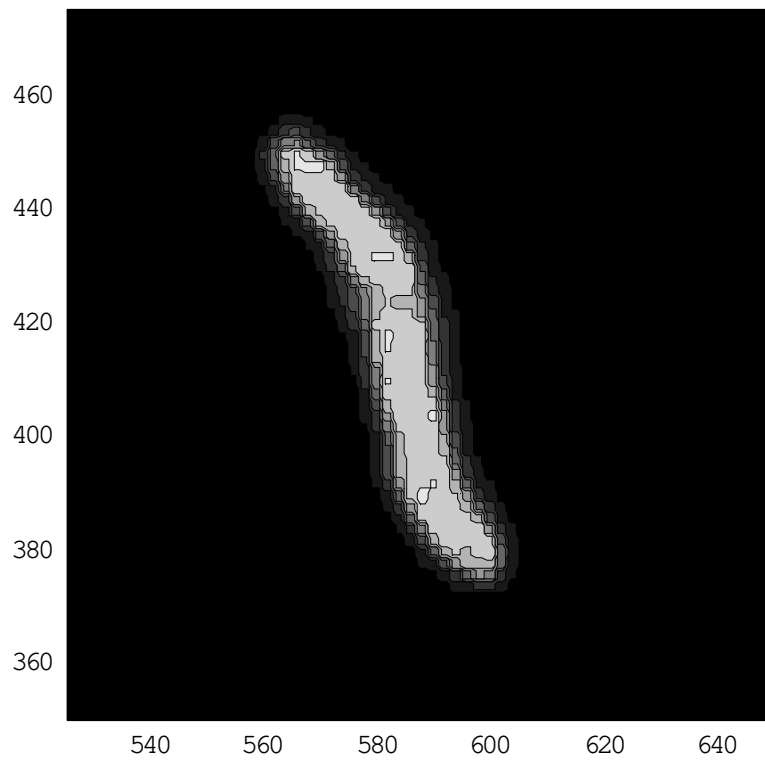
Trail 3D



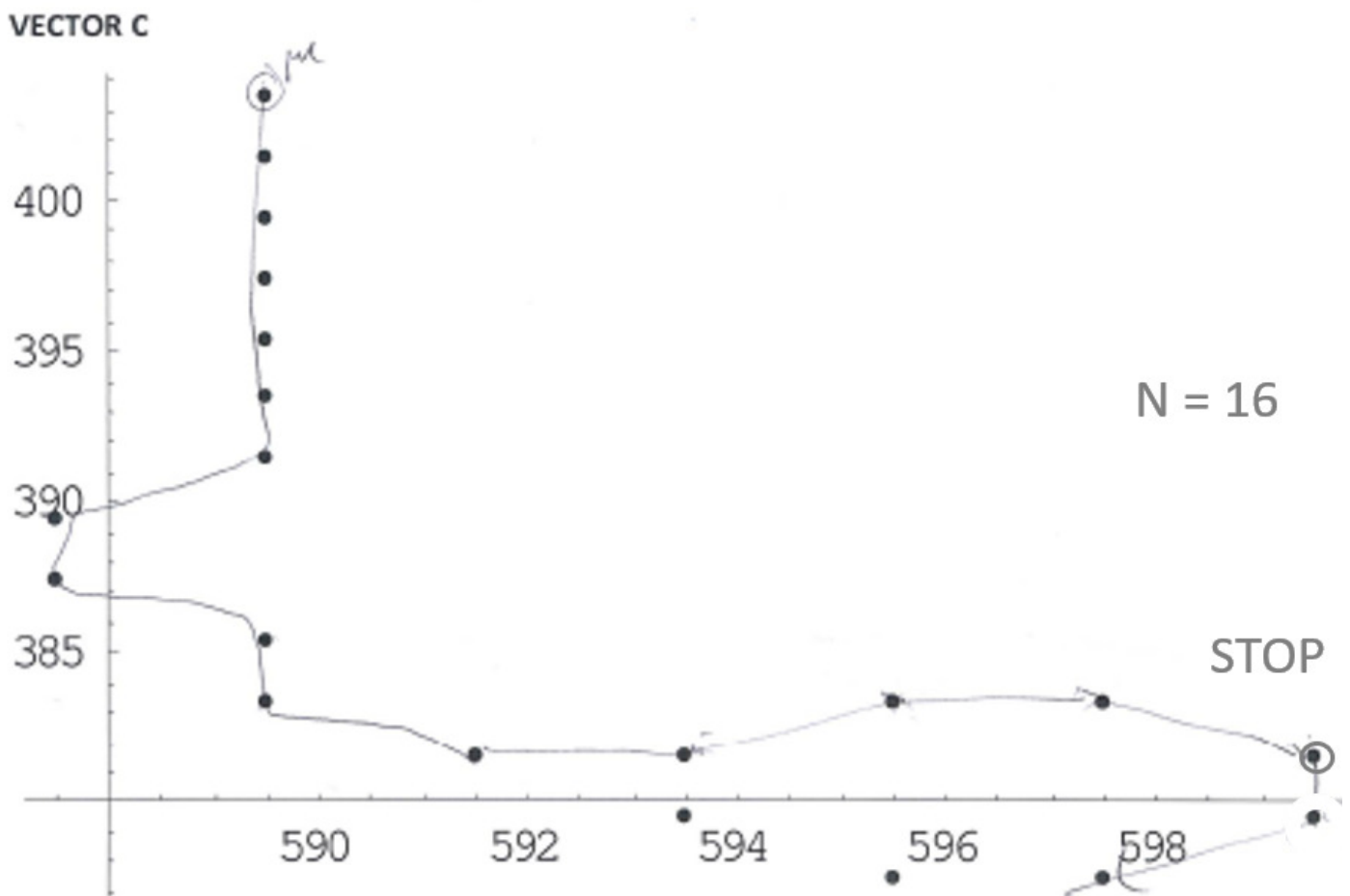
Contour 1x1



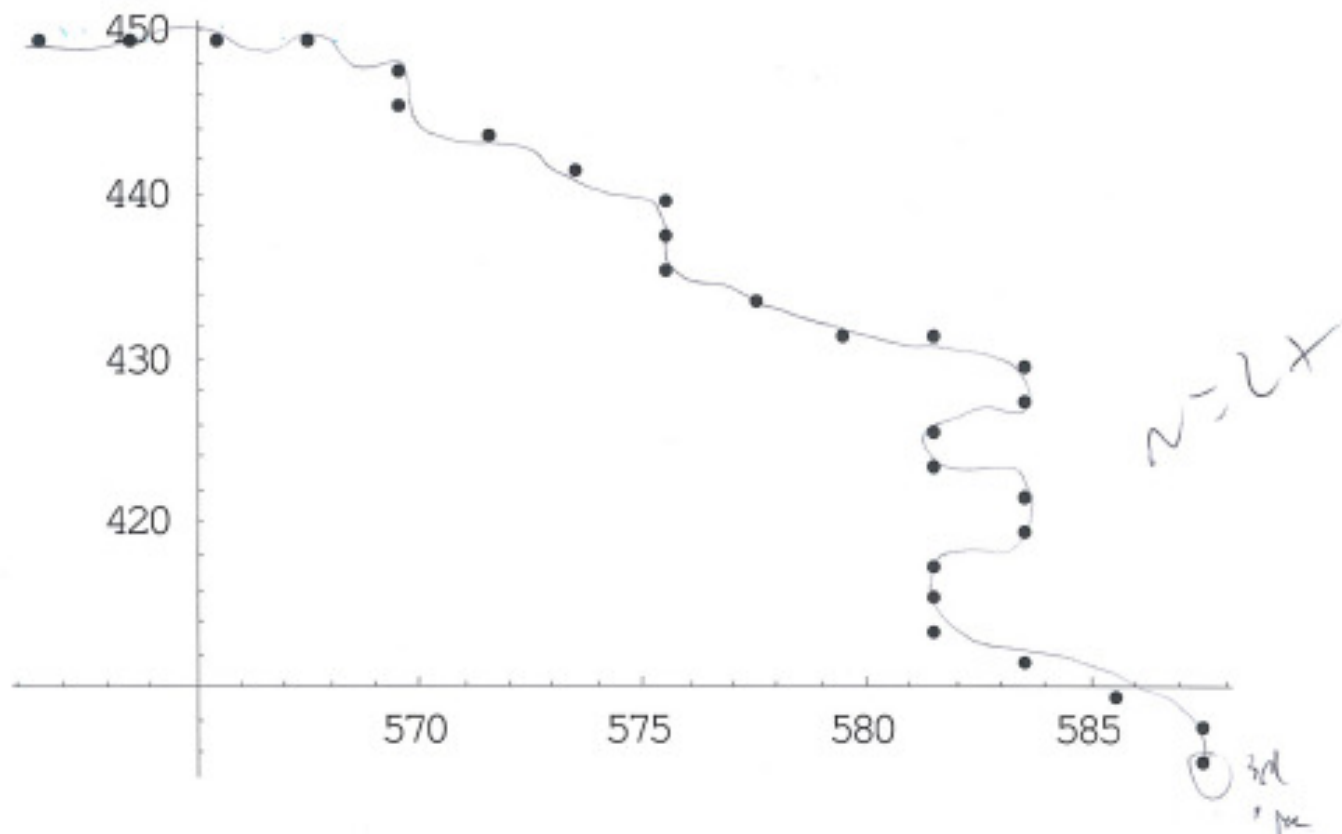
Contour 2x2



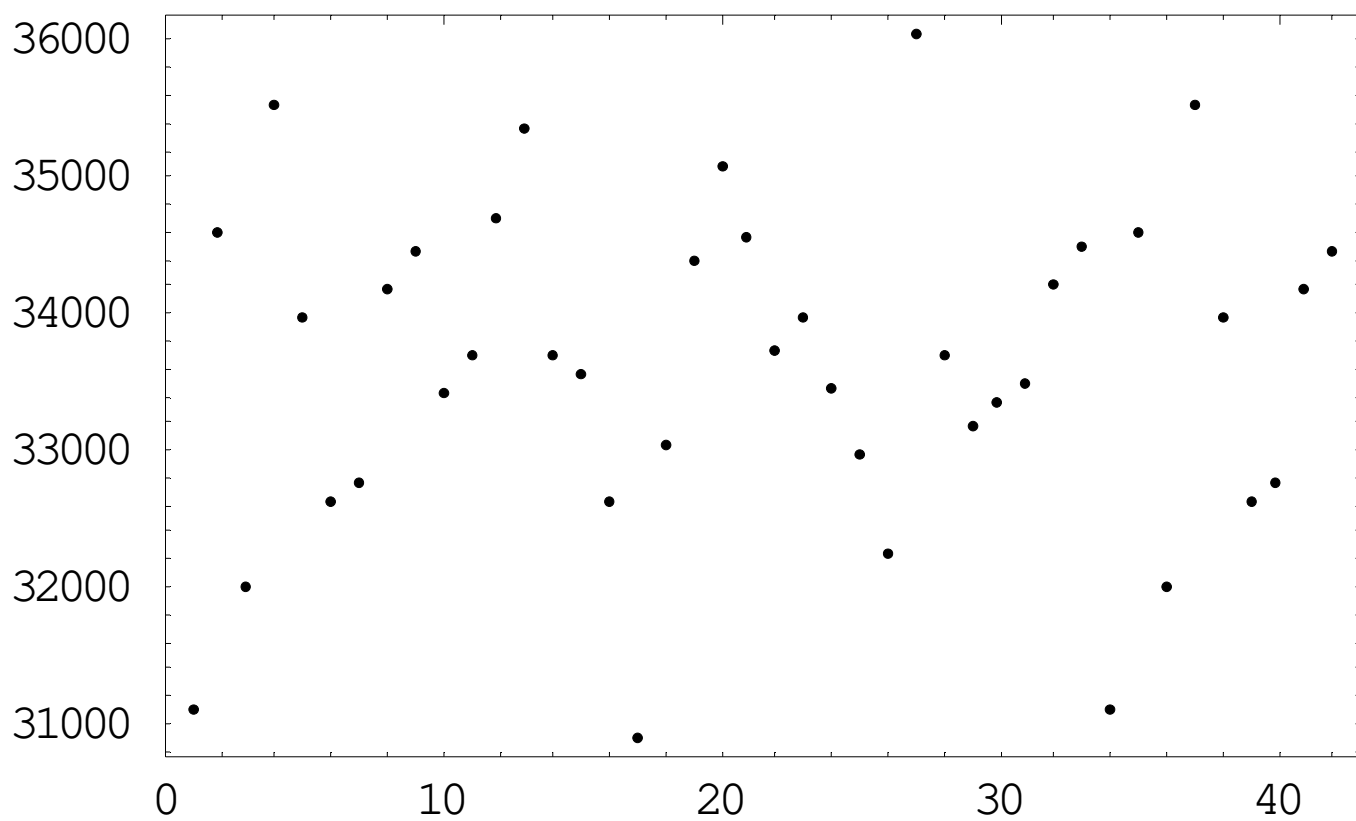
c+f vectors



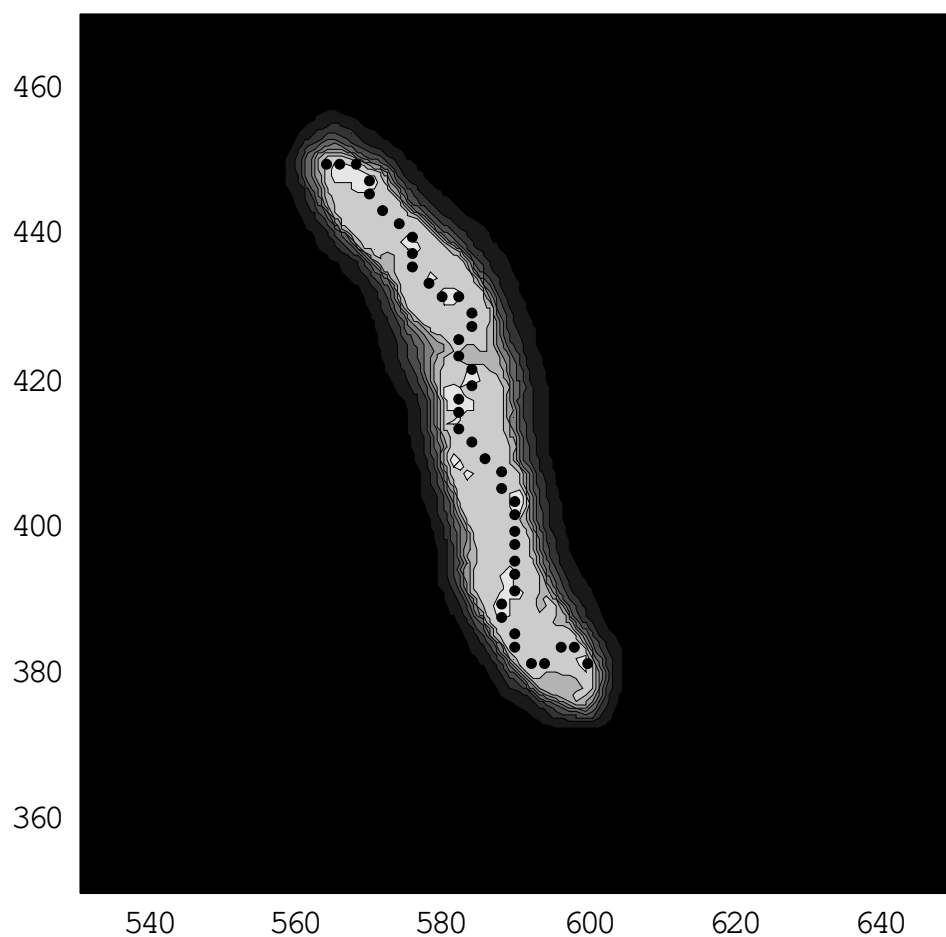
VECTOR F



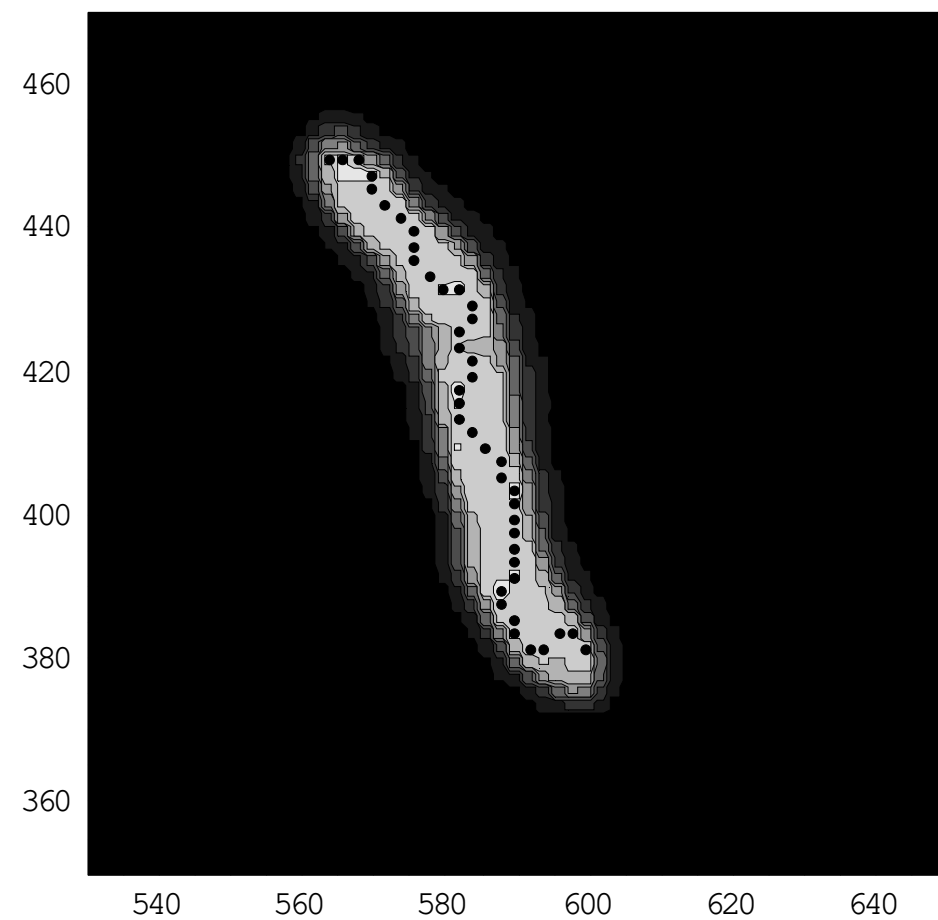
Trail (ADU profile)



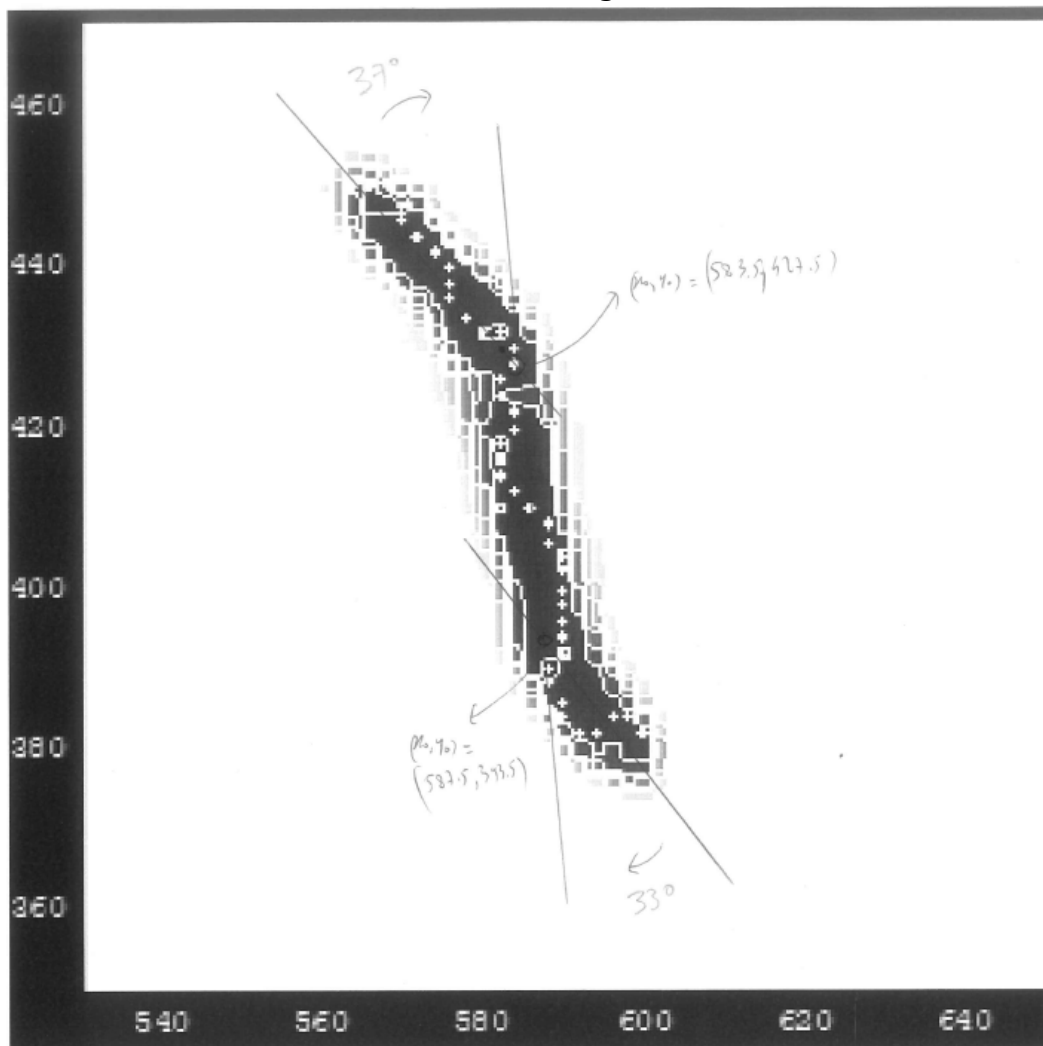
Trail + Contour 1x1



Trail + Contour 2x2



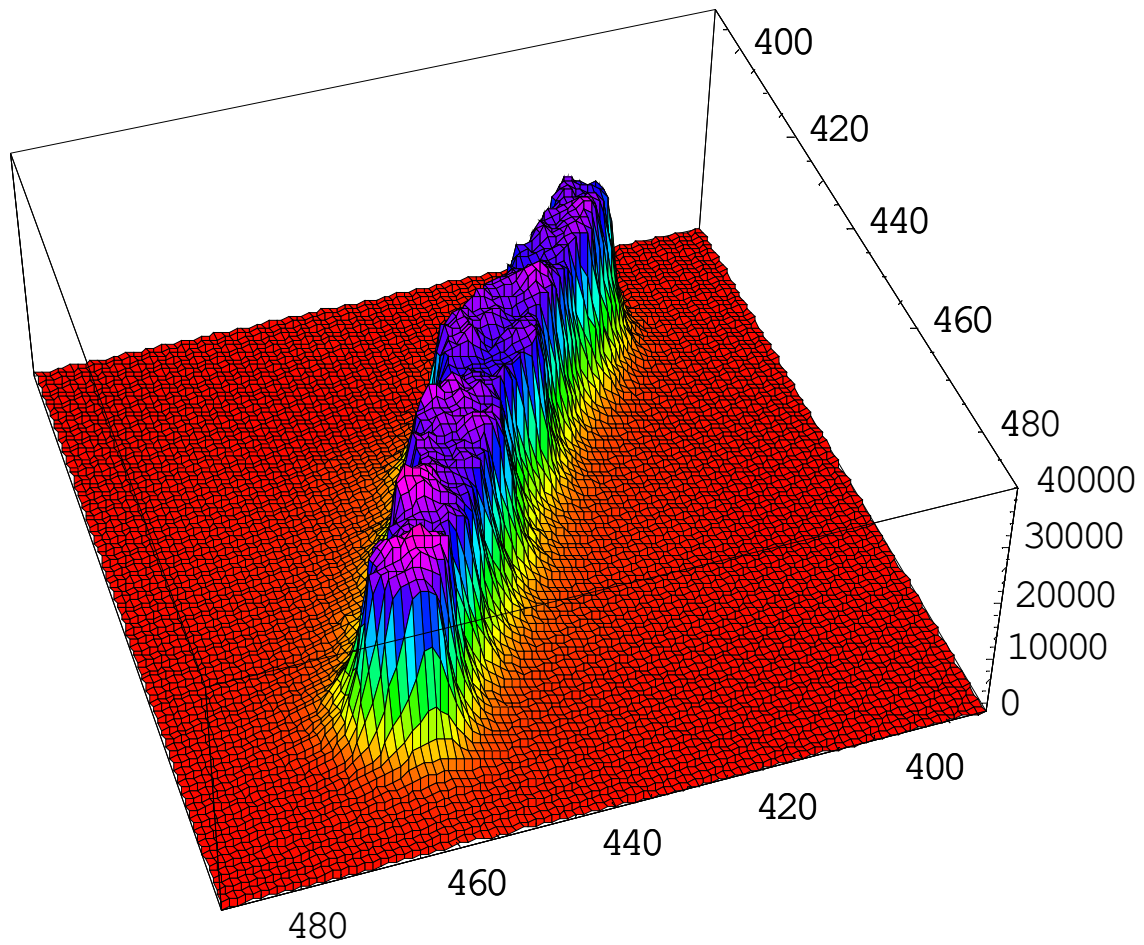
Unbending



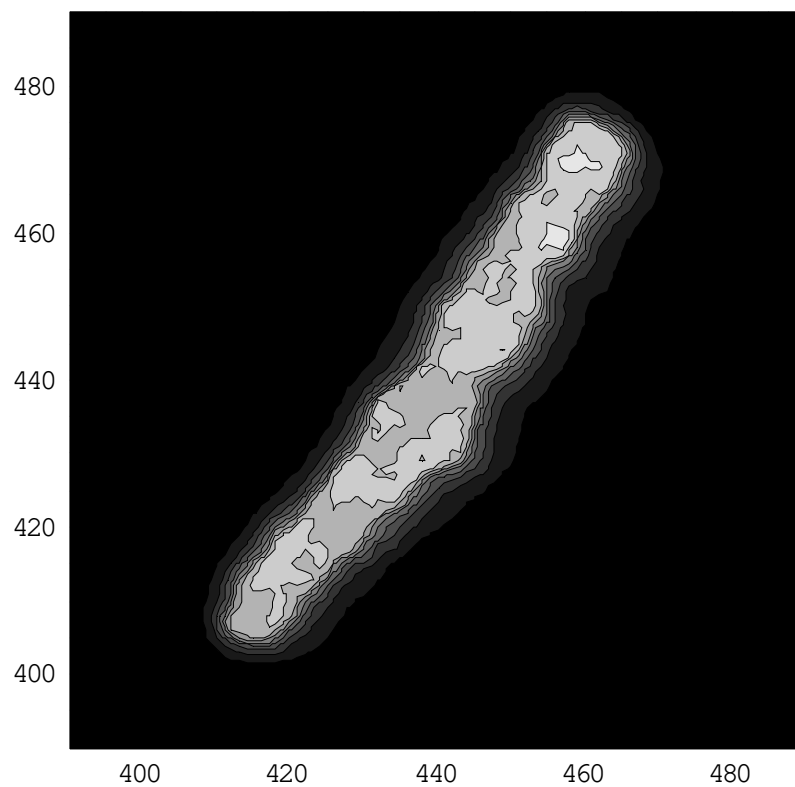
13-02-2009

B2 – ENCUMEADA ALTA (with “lobe work”)

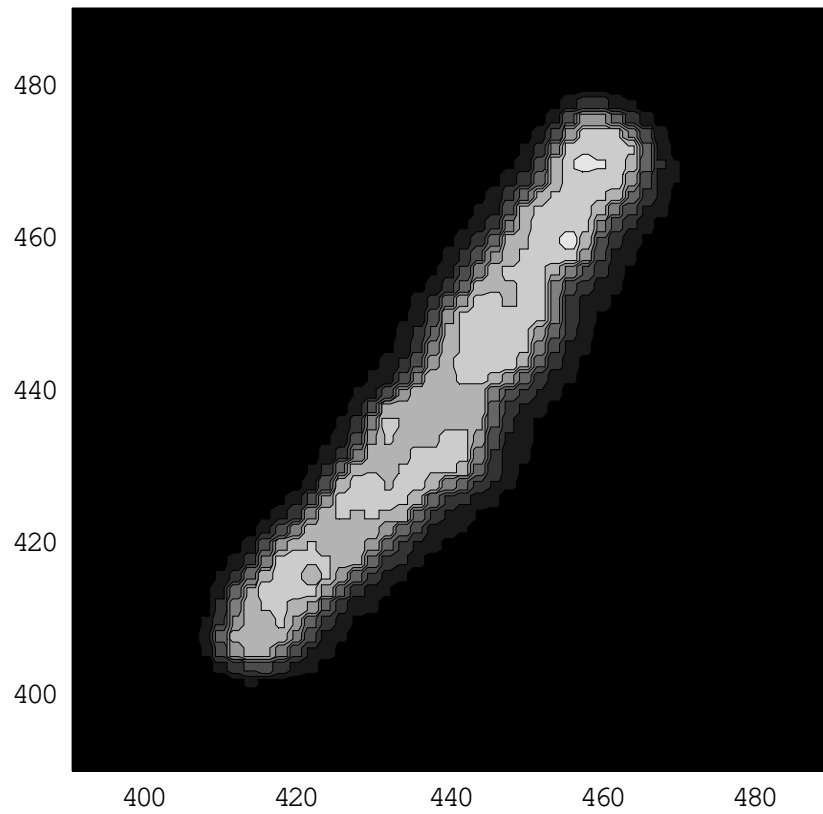
Trail 3D



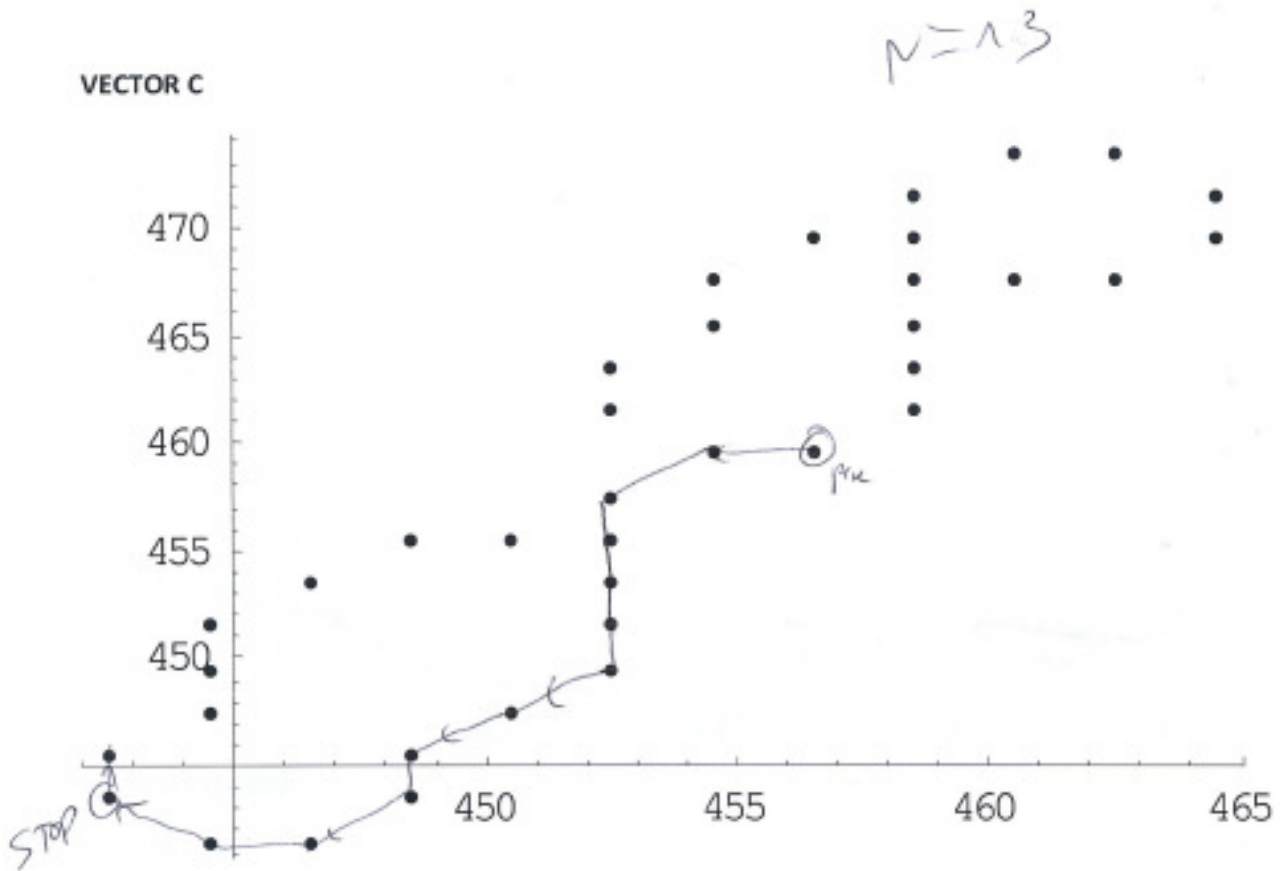
Contour 1x1



Contour 2x2

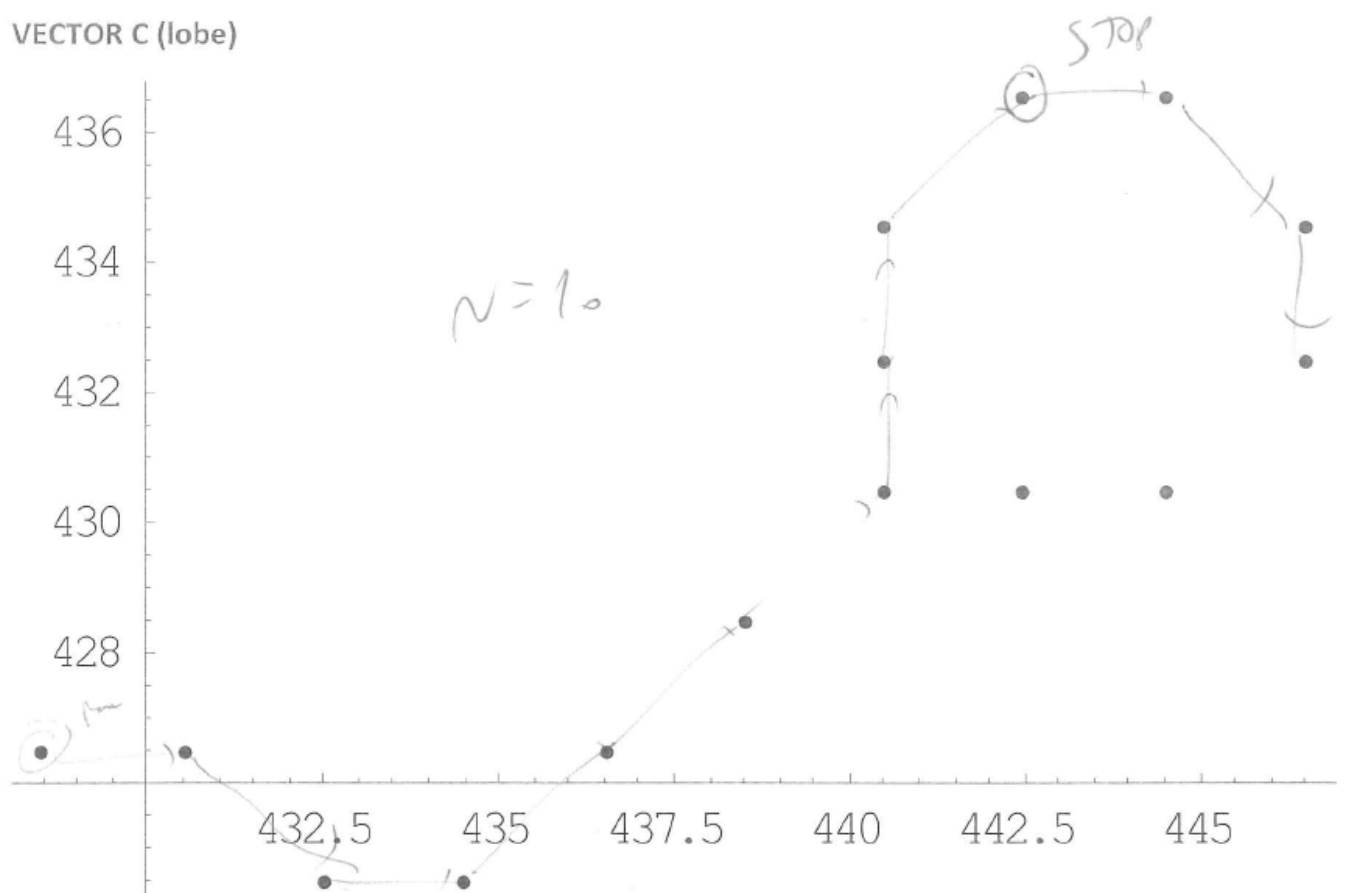


c+f vectors (main)

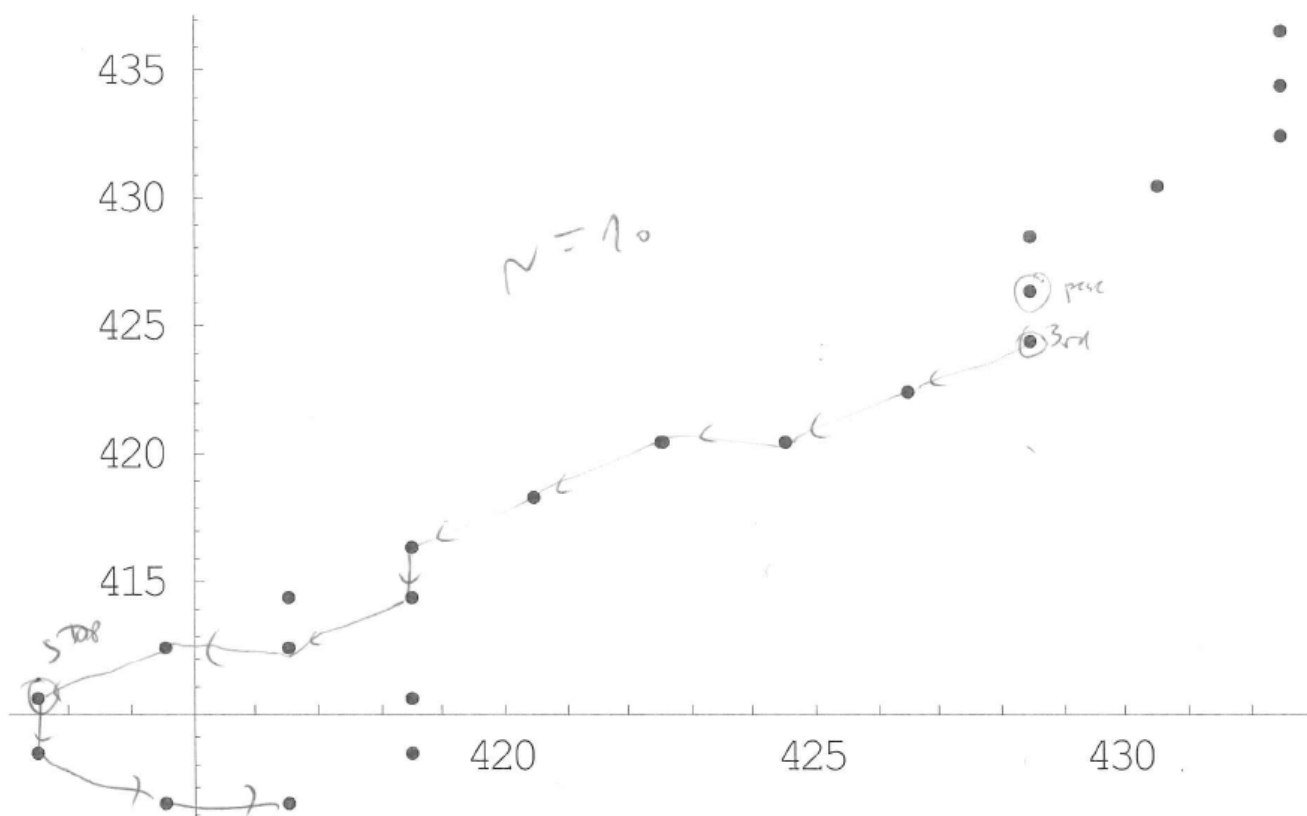


c+f vectors (lobe)

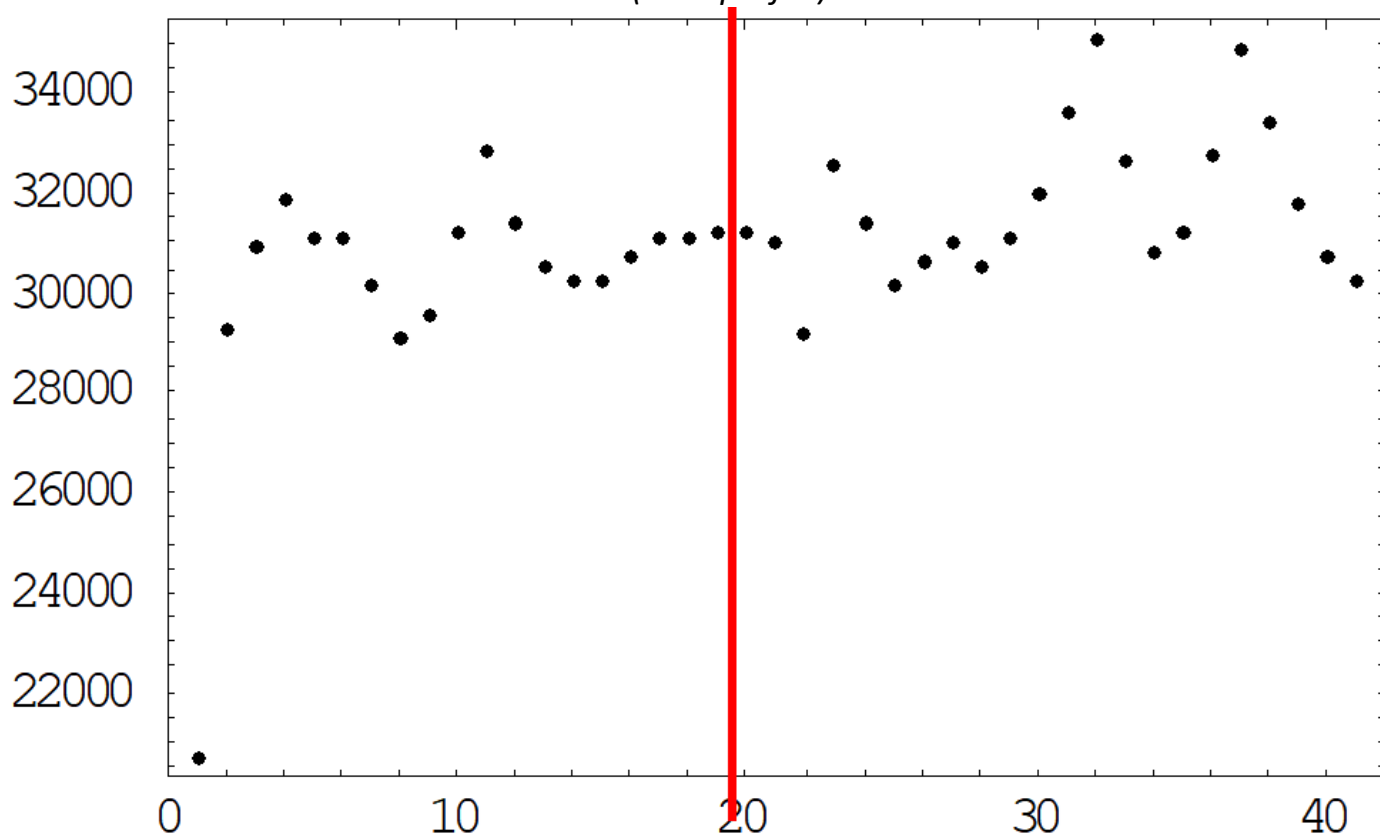
VECTOR C (lobe)



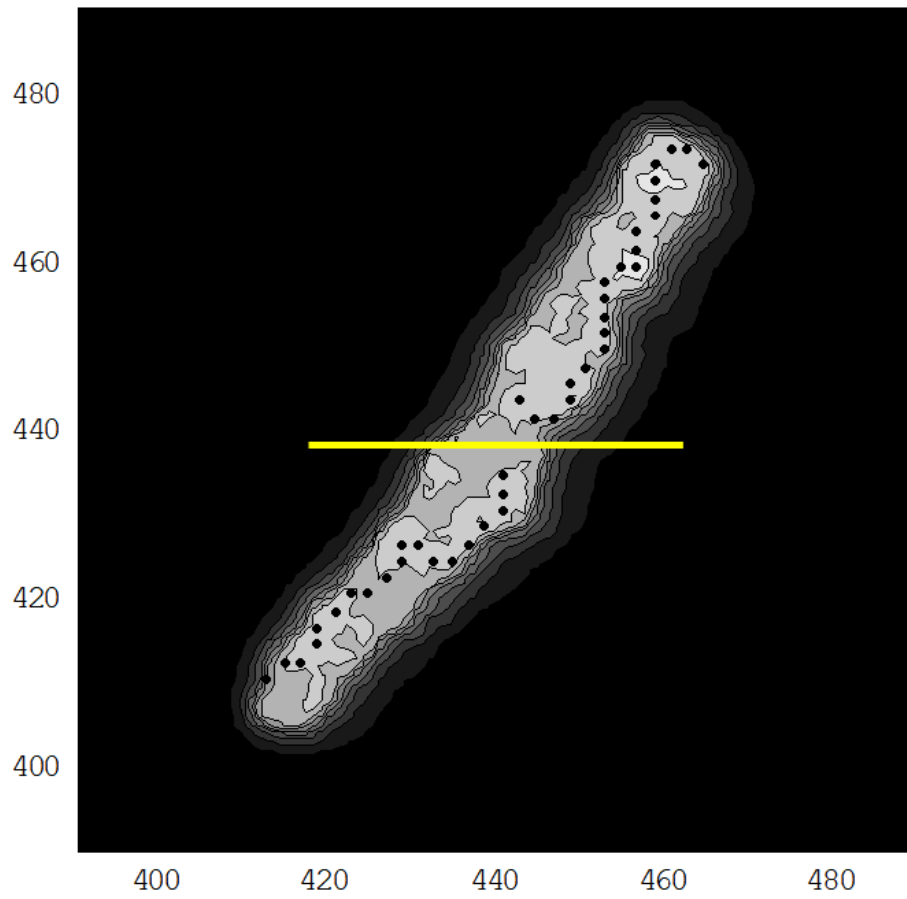
VECTOR F (lobe)



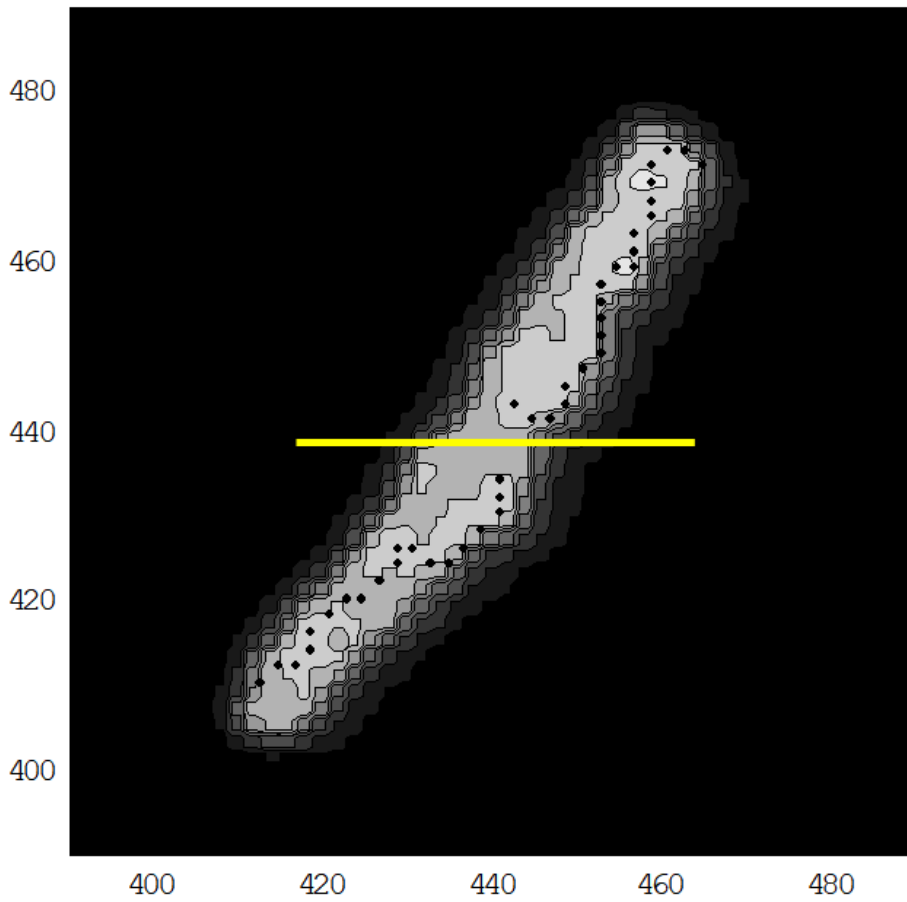
Trail (ADU profile)



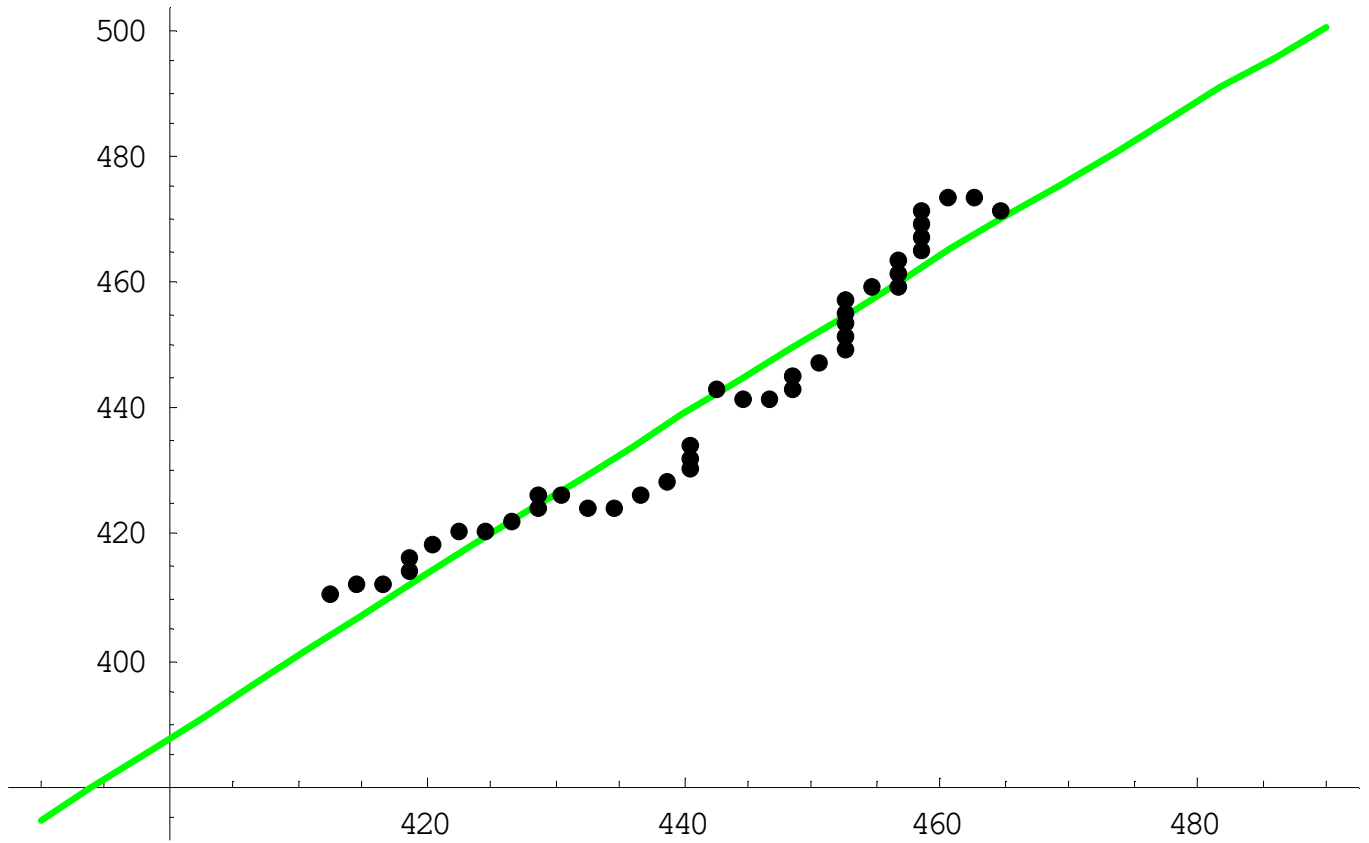
Trail + Contour 1x1



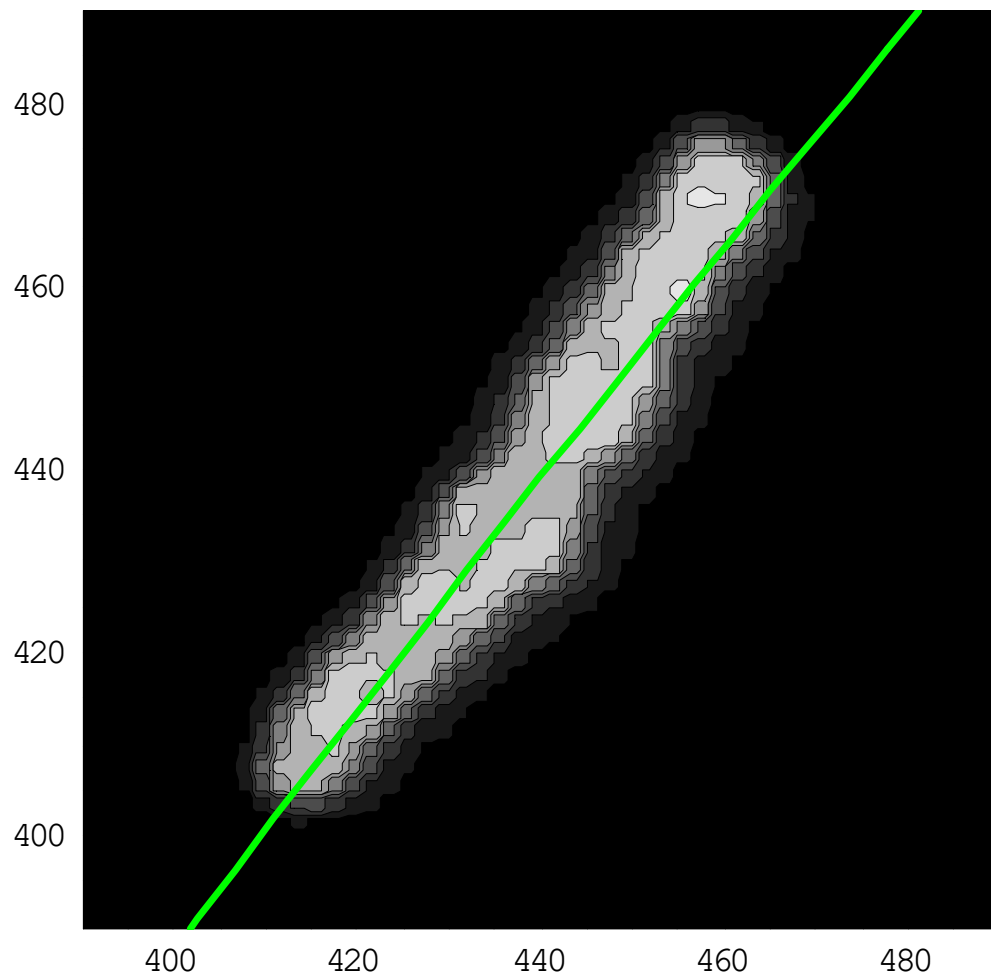
Trail + Contour 2x2



Circle '+' Fit



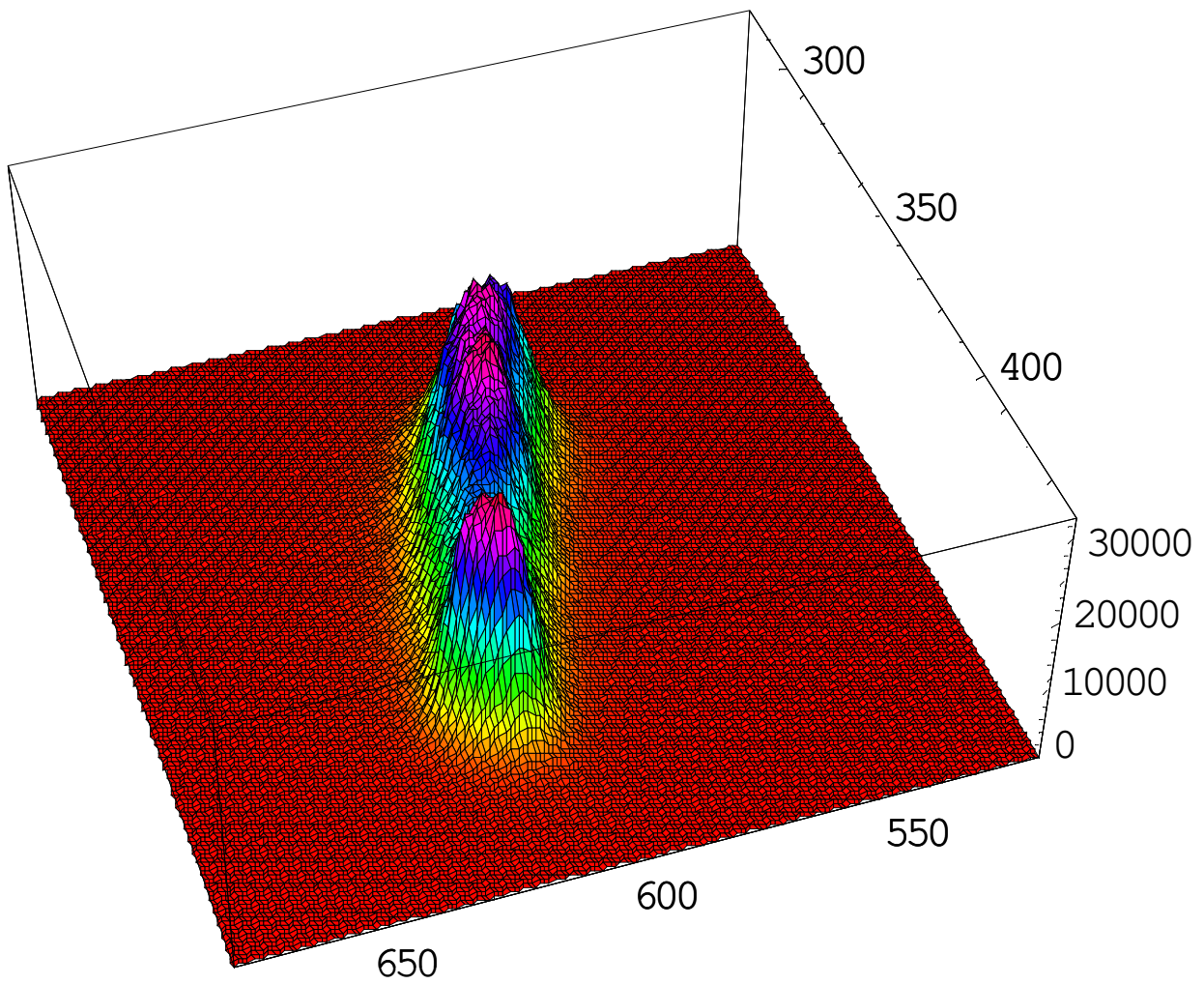
Circle '+' Fit on path



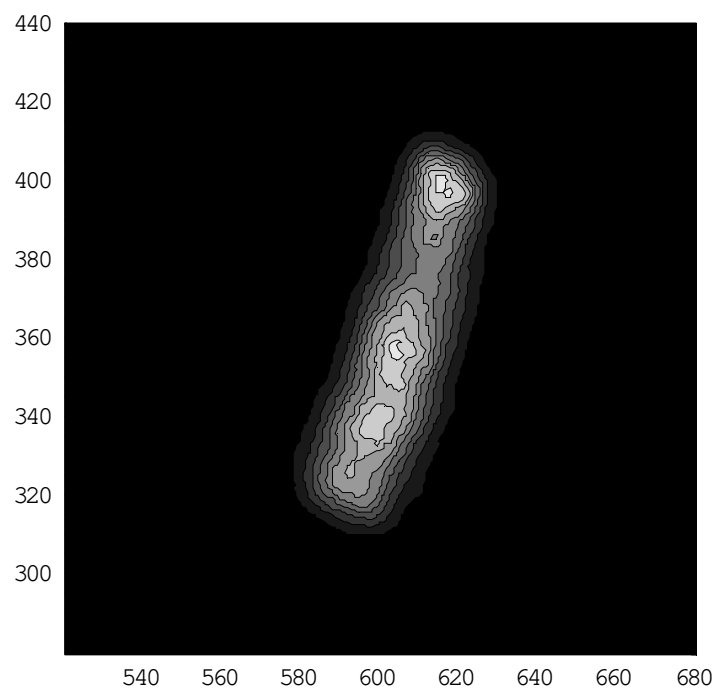
20-02-2009

C1 – LOIRAL (with “lobe work”)

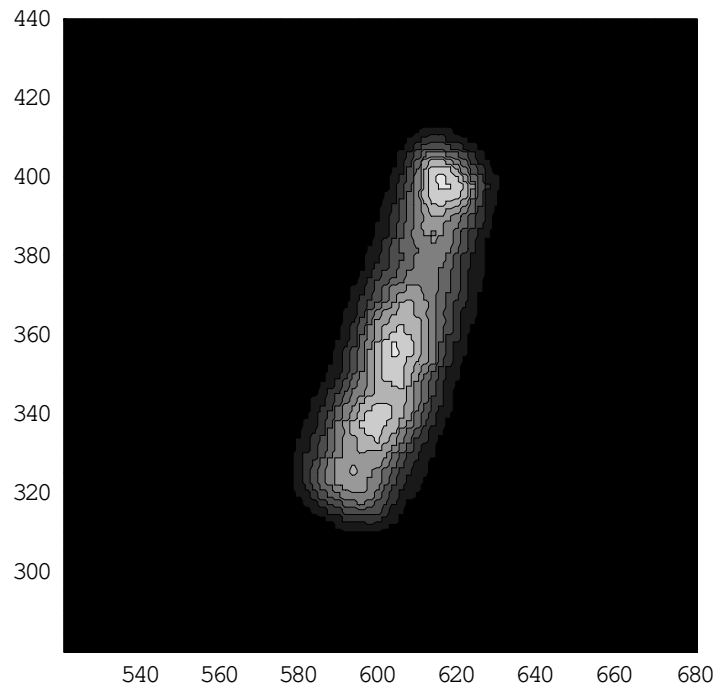
Trail 3D



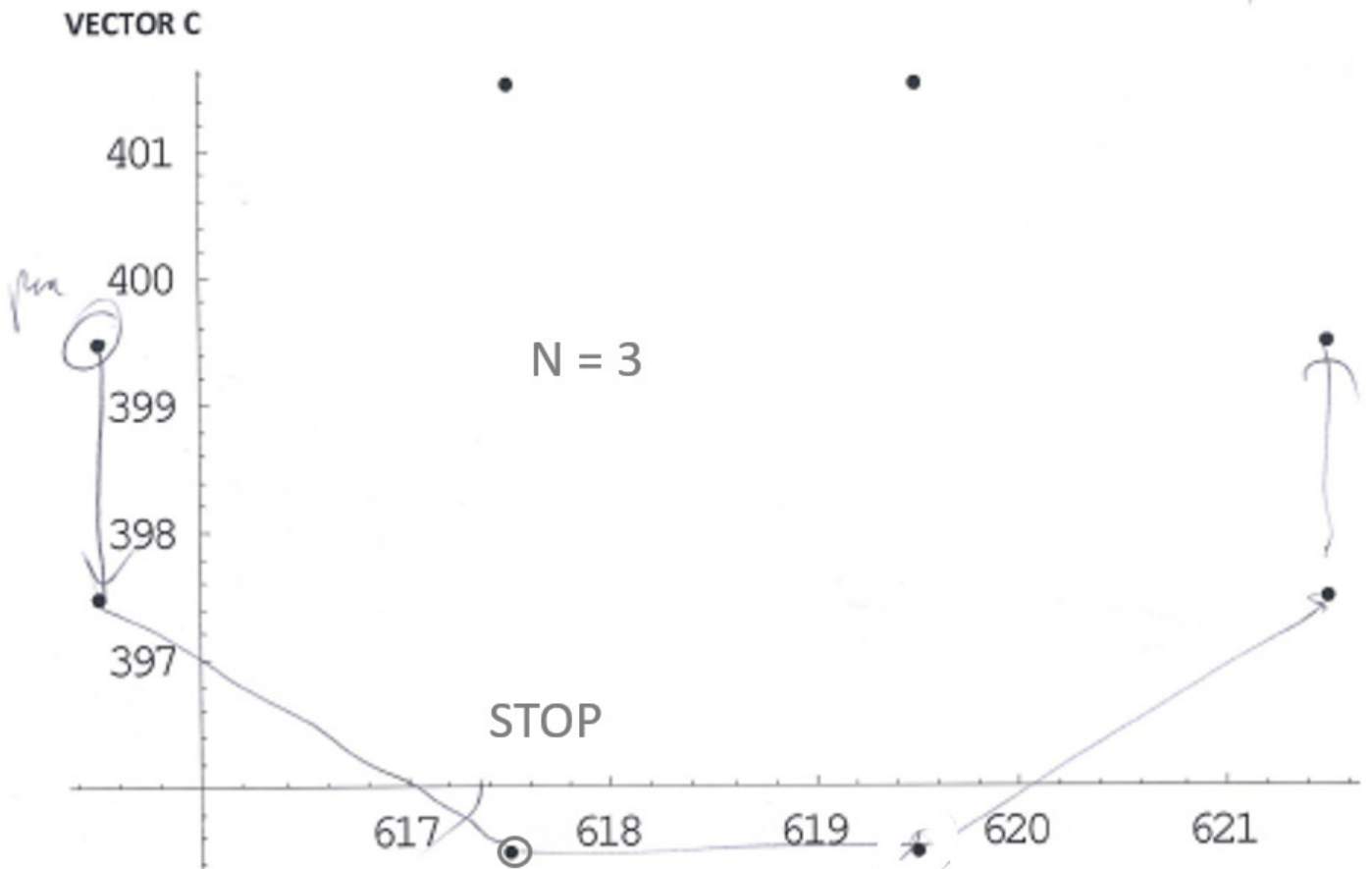
Contour 1x1



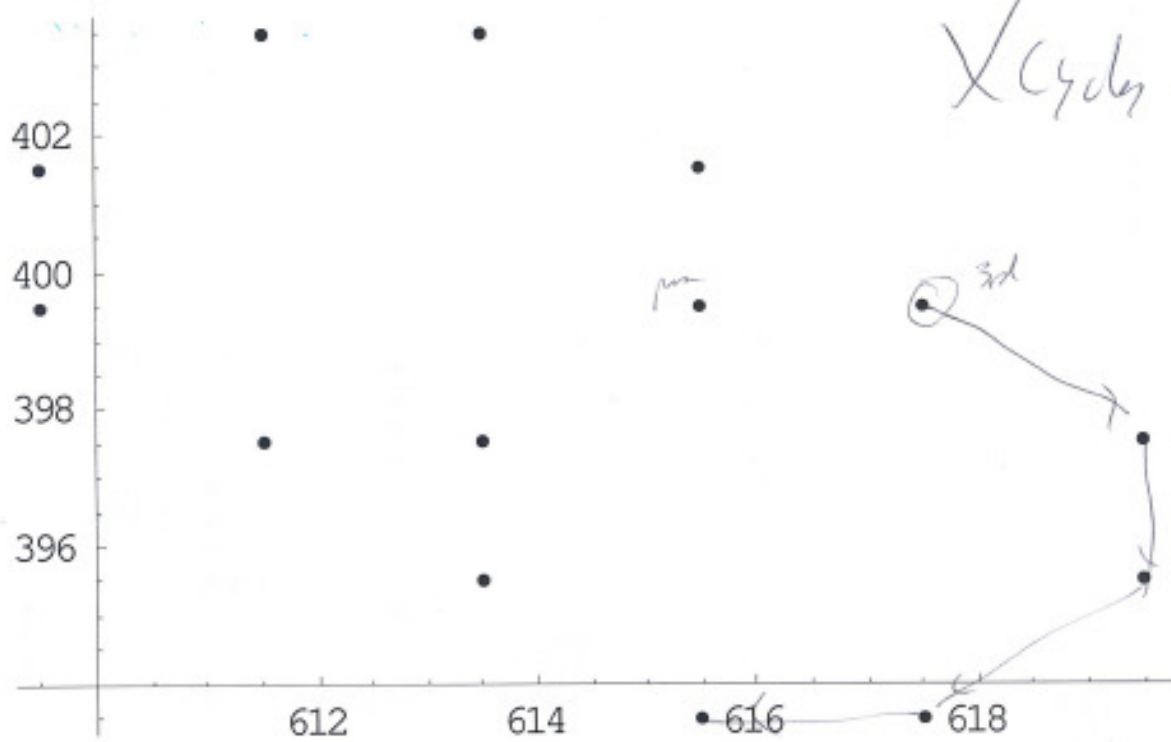
Contour 2x2



c+f vectors (main)

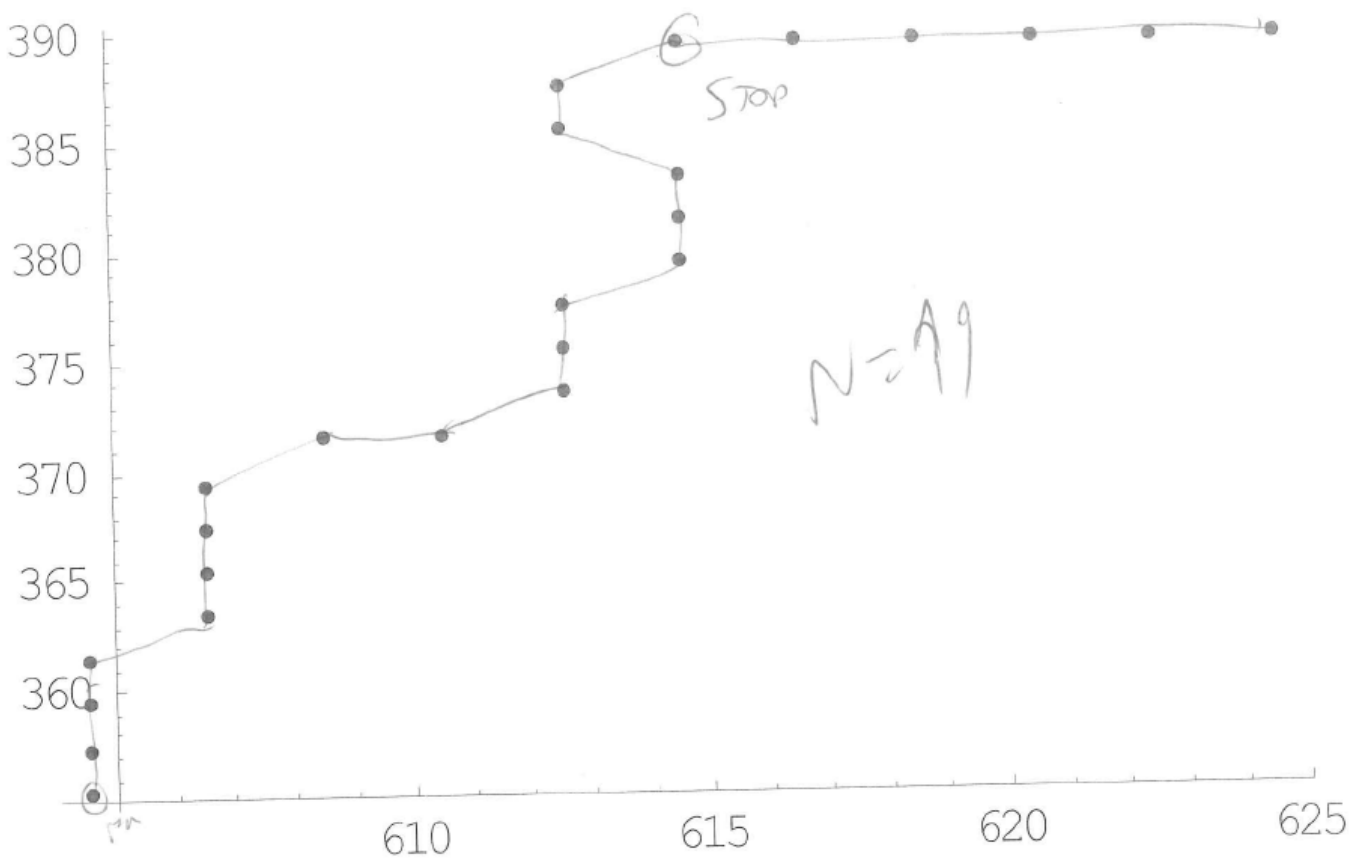


VECTOR F

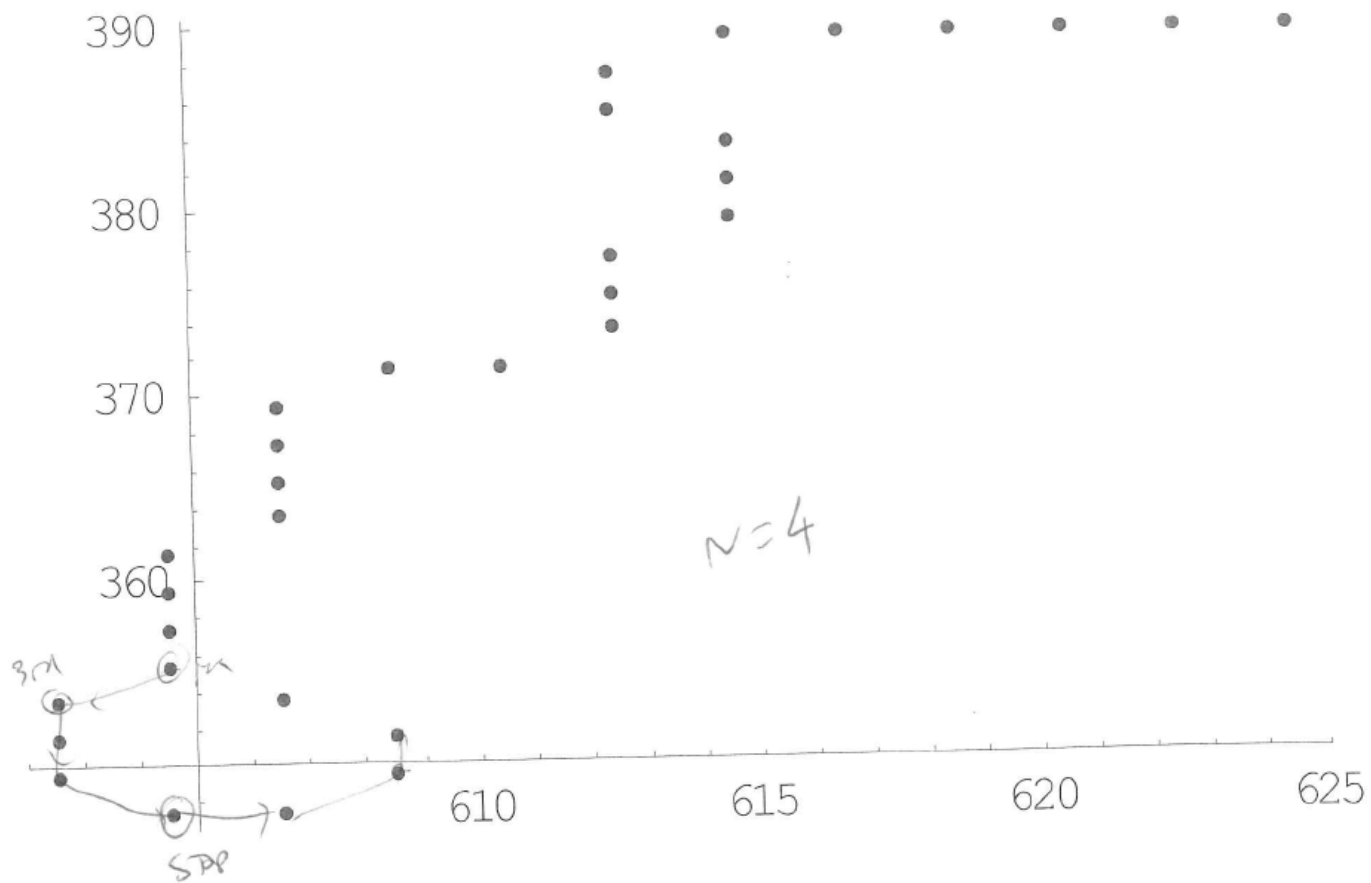


c+f vectors (central lobe)

VECTOR C (central lobe)

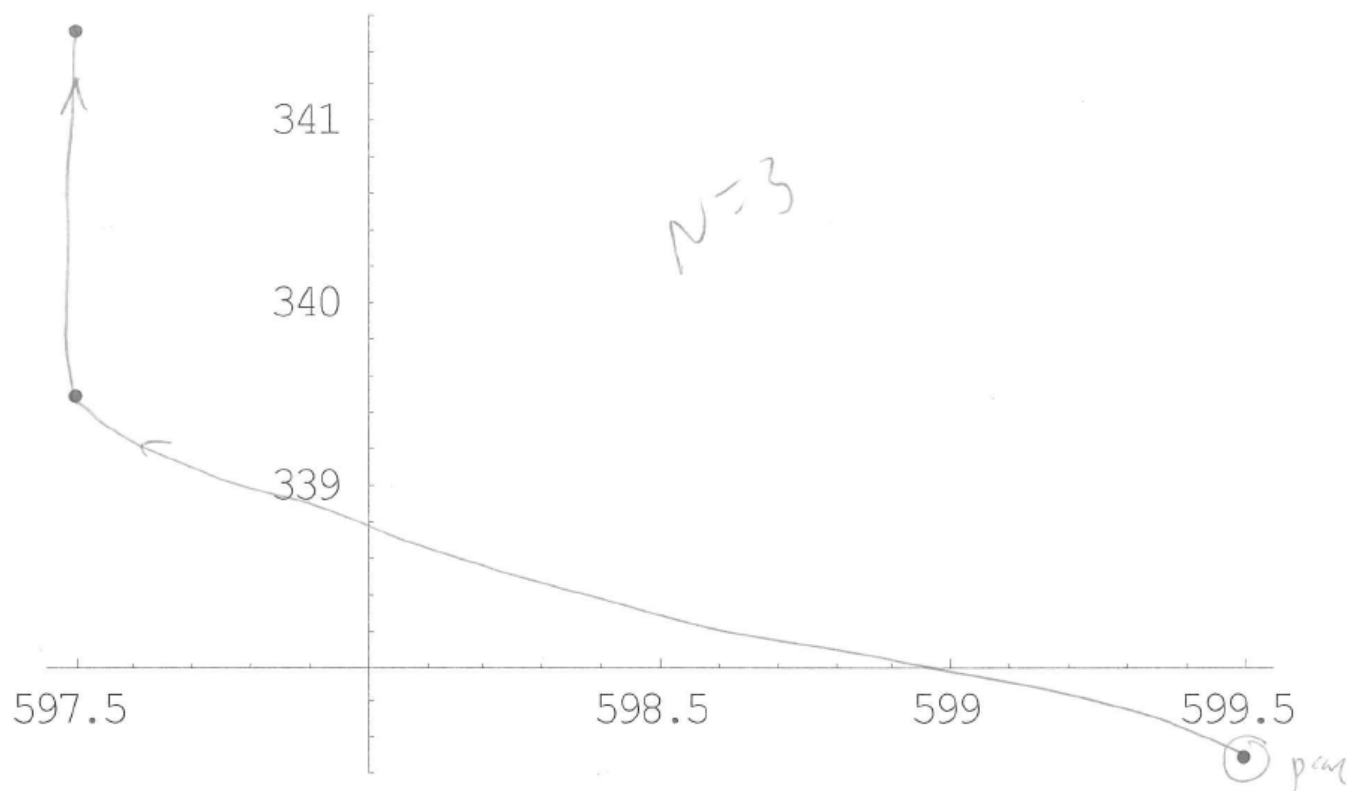


VECTOR F (central lobe)

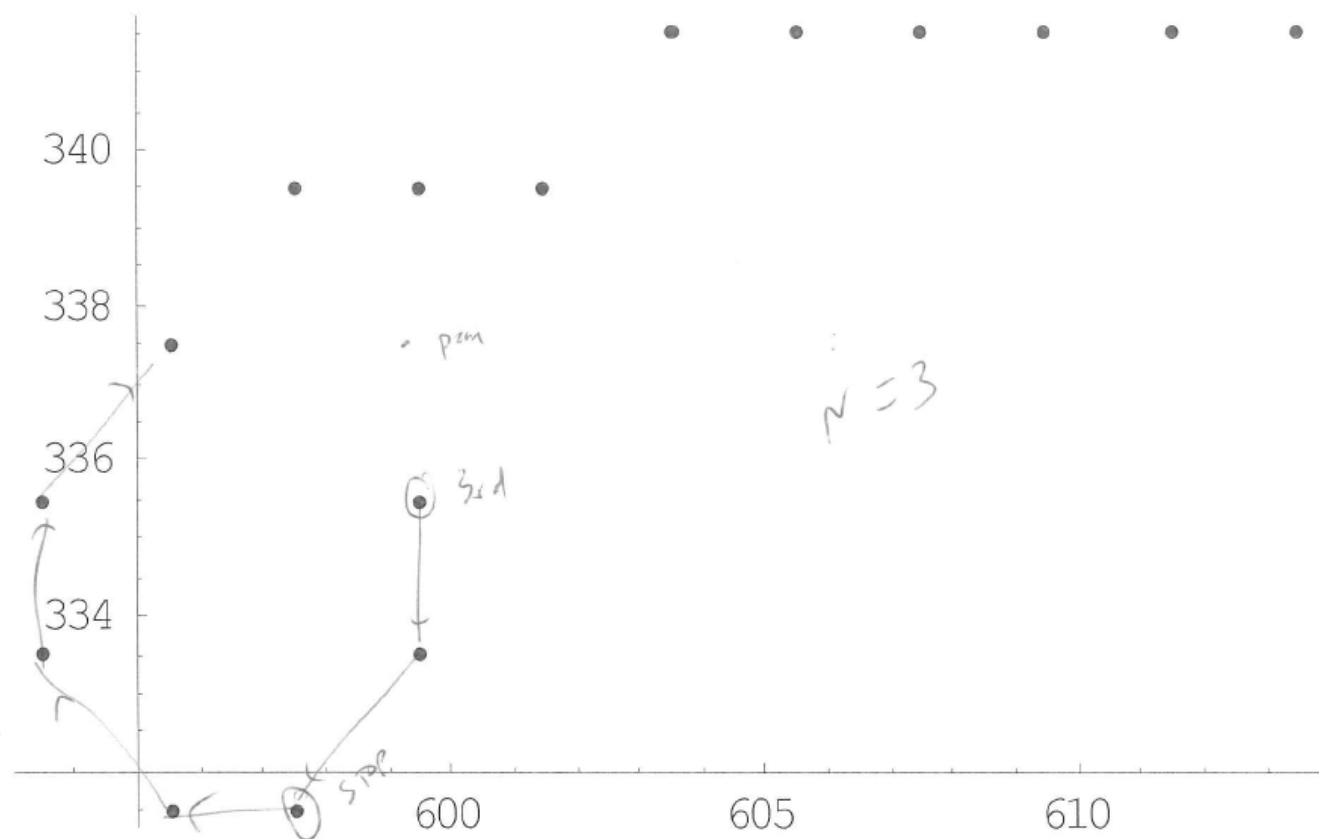


c+f vectors (south lobe)

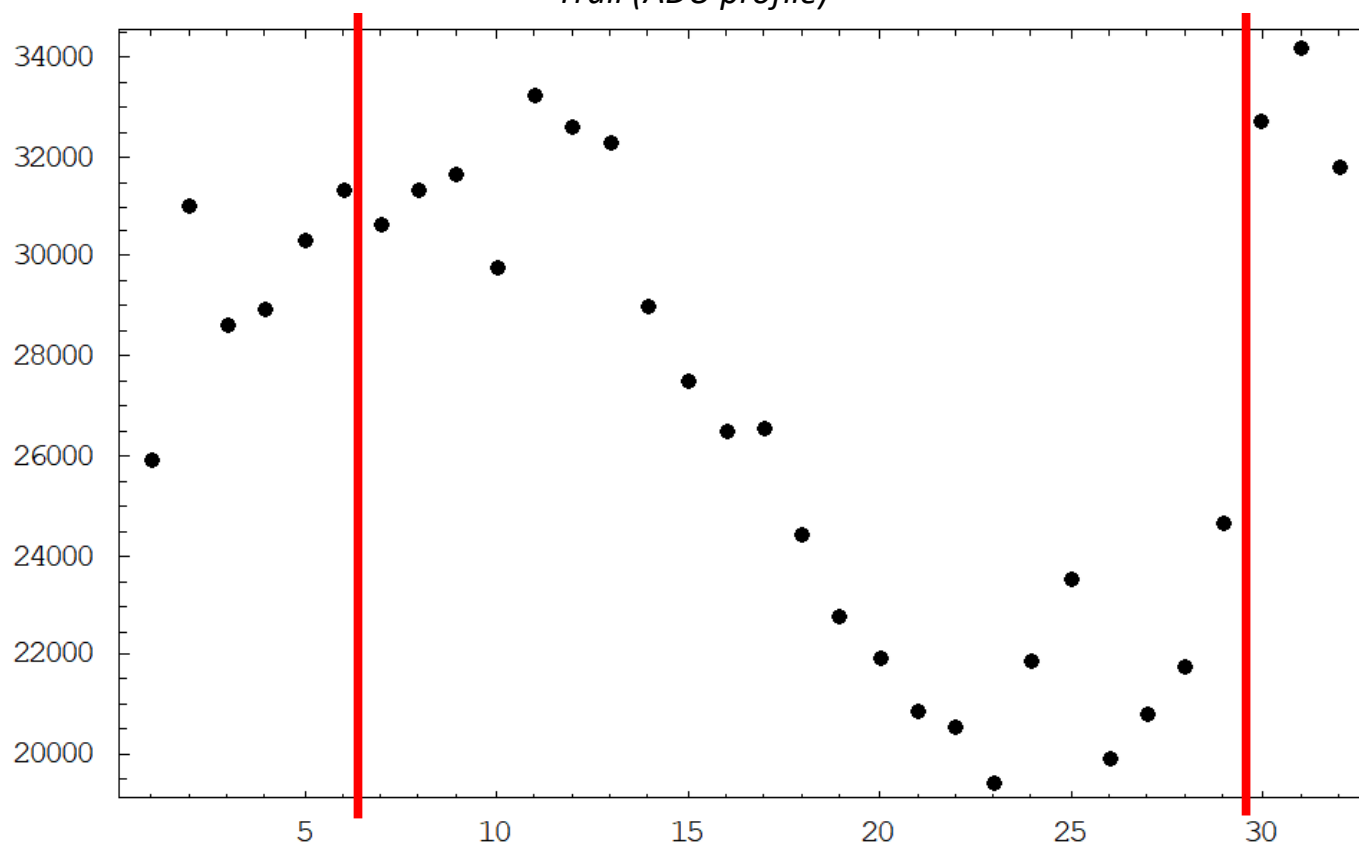
VECTOR C (south lobe)



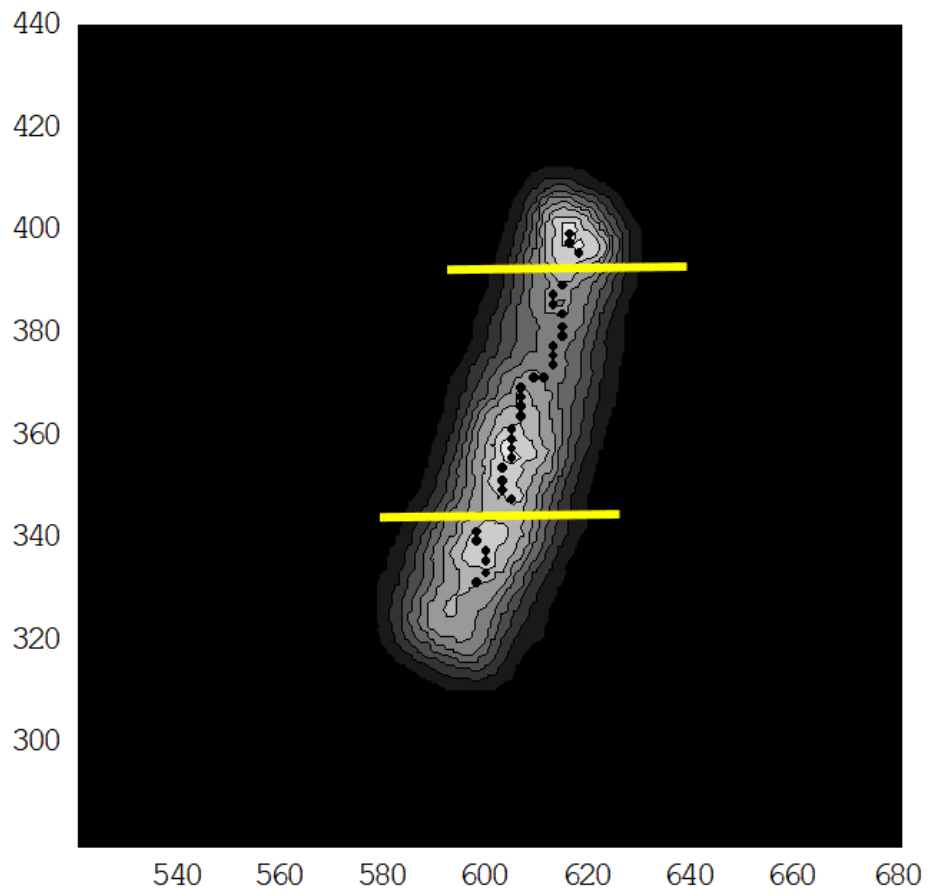
VECTOR F (south lobe)



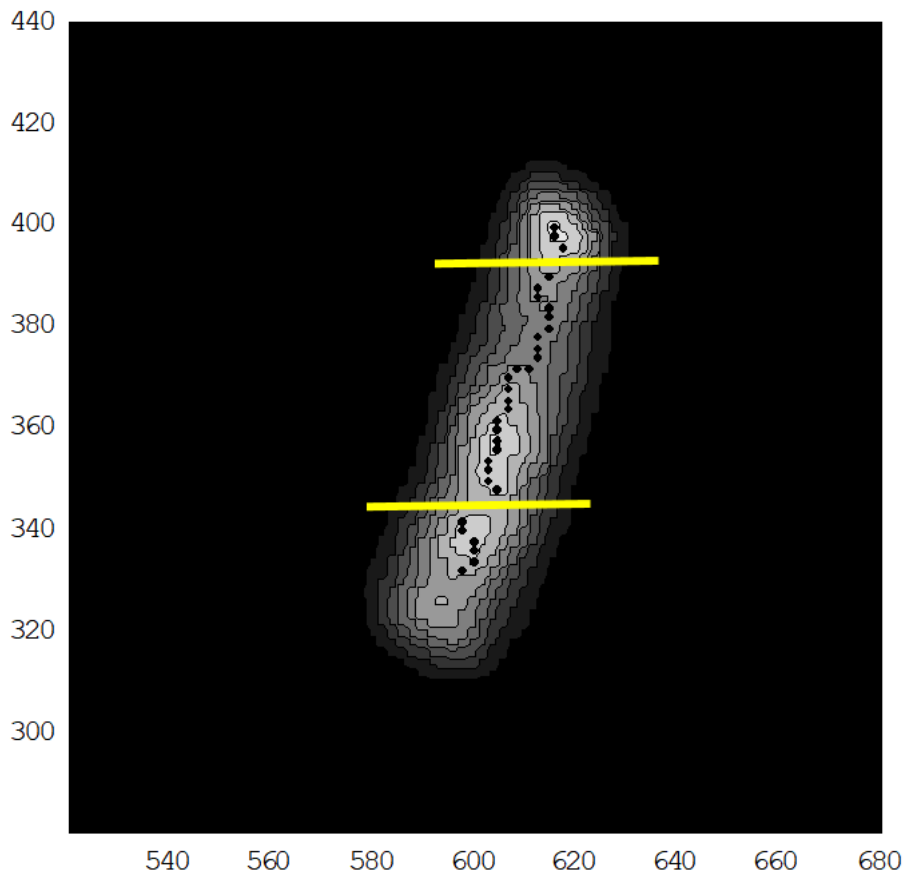
Trail (ADU profile)



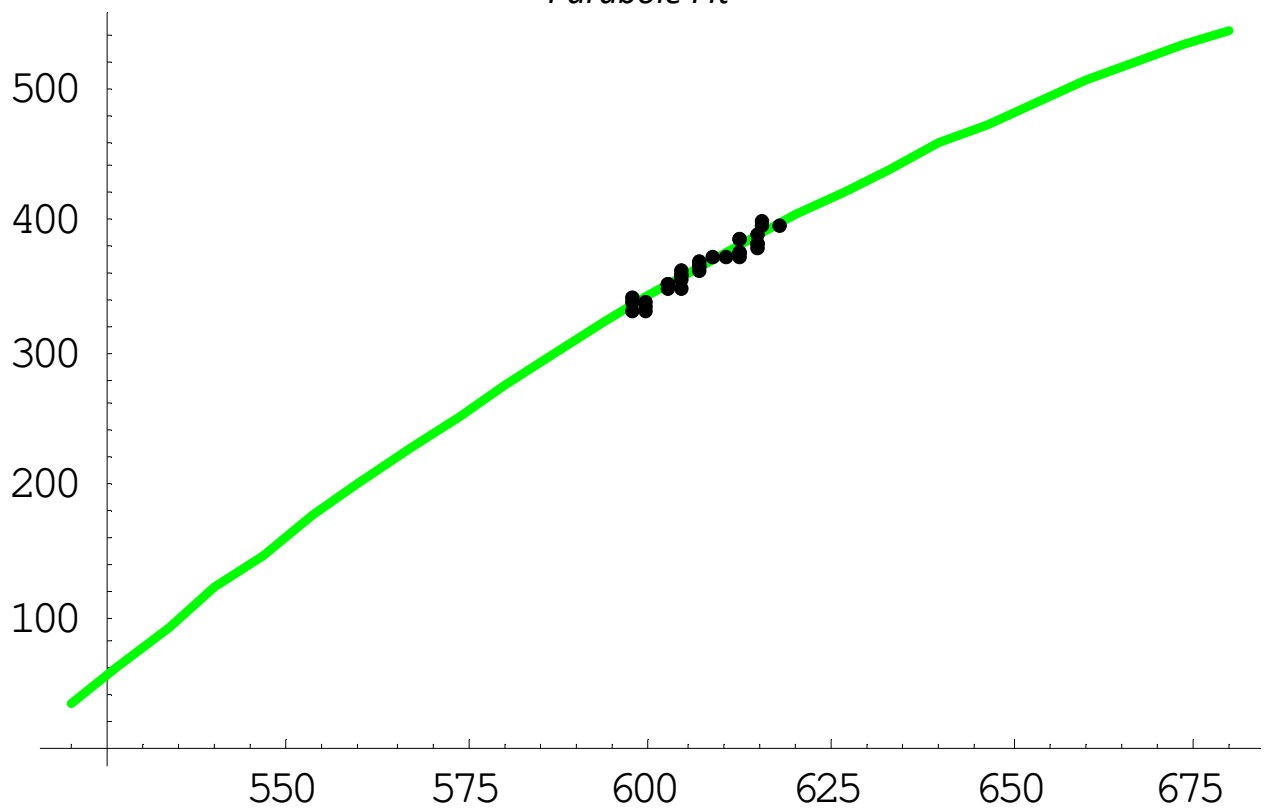
Trail + Contour 1x1



Trail + Contour 2x2



Parabole Fit



Parabole Fit on path

