

The entire study was carried out using Windows 10, MATLAB R2021b.

All image data is sourced from public datasets; please download it yourself.



dim_7_chaos_sin
_greater_nosin_0

This document is intended to provide a graphical or tabular representation of the content in Section 3.1 of this paper.



markov_matrix_
06.m



markov_matrix_
10.m

These documents are intended to provide a graphical or tabular representation of the content in Section 3.4 of this paper.



Fold_image_best
_block_01_08.m

This document is intended to provide a graphical or tabular representation of the content in Section 4.2 of this paper.



CNN_fenlei_07.m

This document is intended to provide a graphical or tabular representation of the content in Section 4.3 of this paper.



main_encry_97.m

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key_transfer_04.
m

This document is intended to provide a graphical or tabular representation of the content in Section 4.5 of this paper.