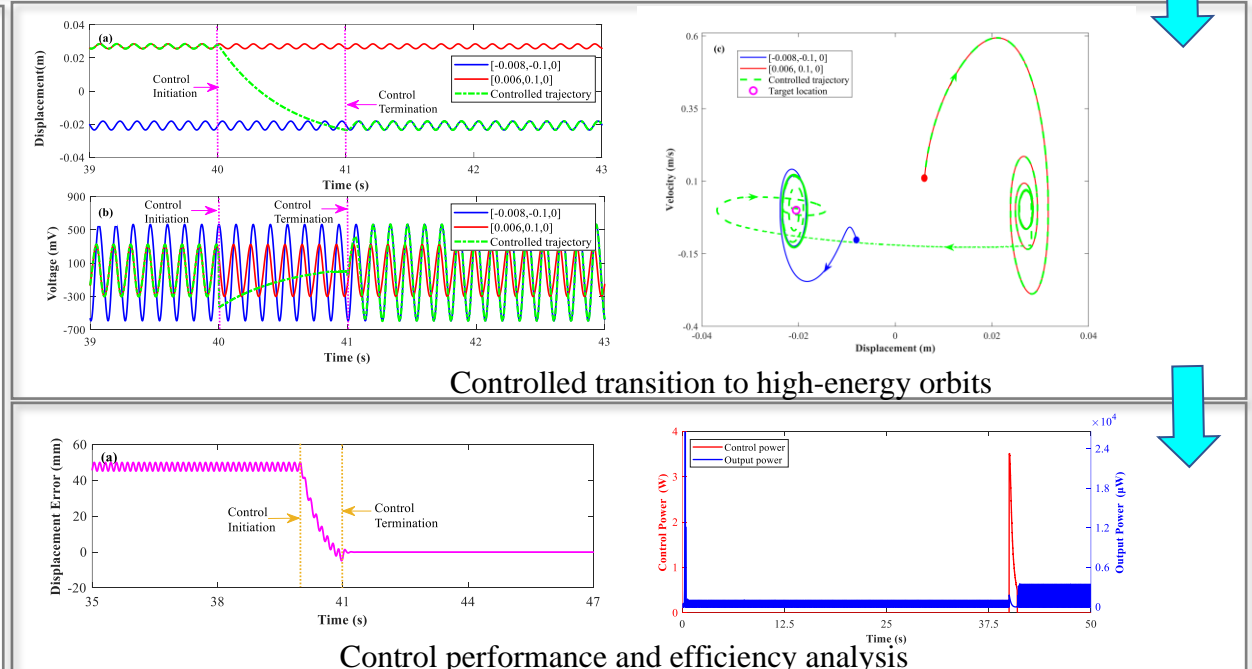
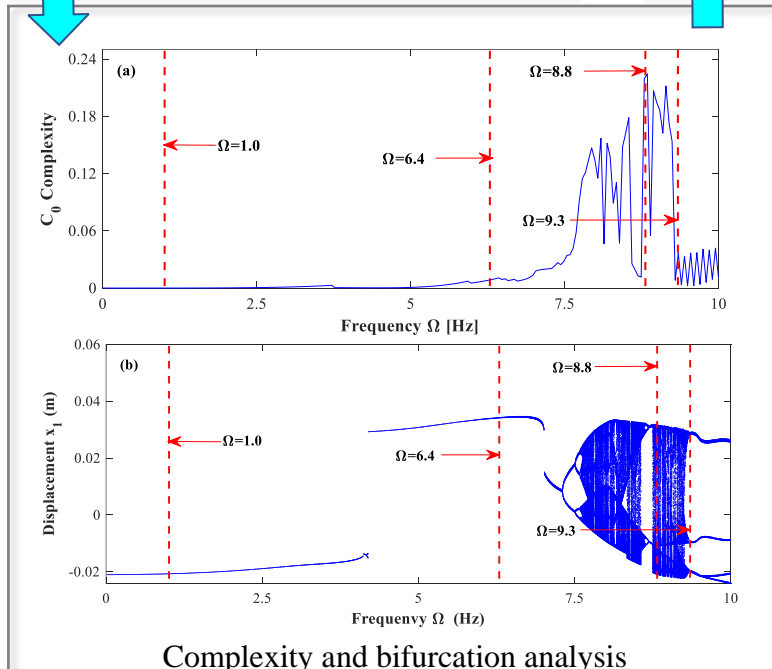
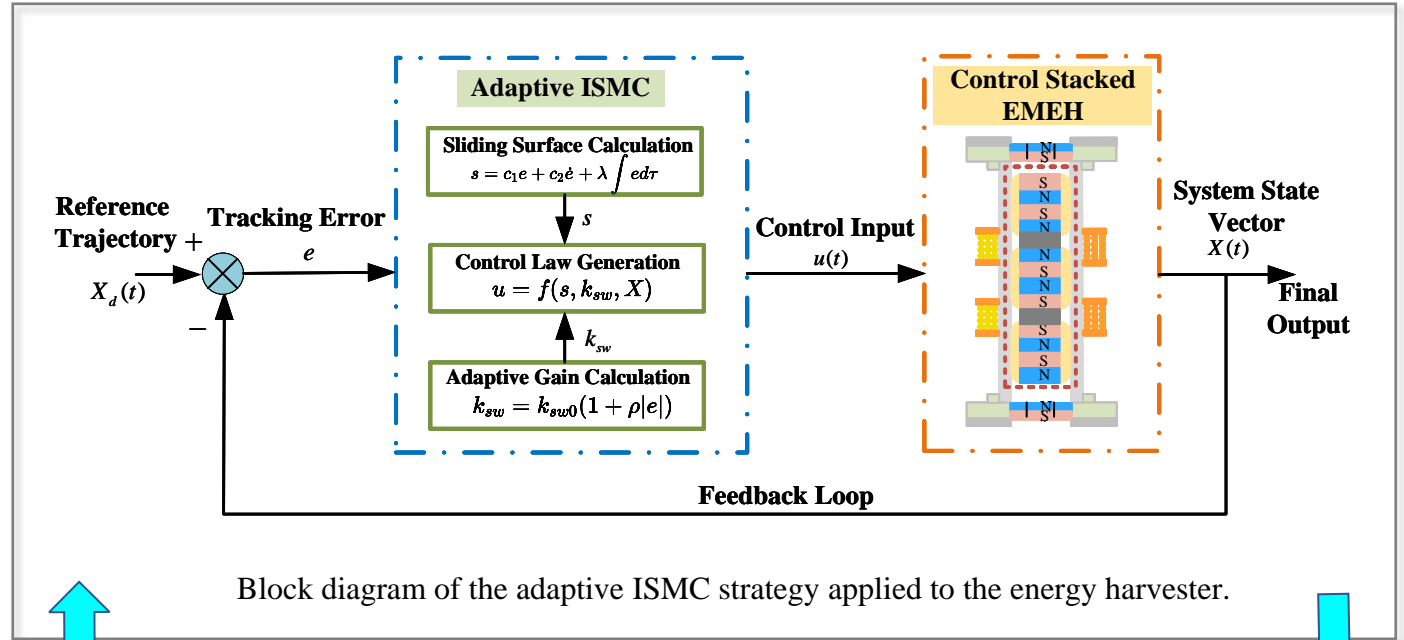
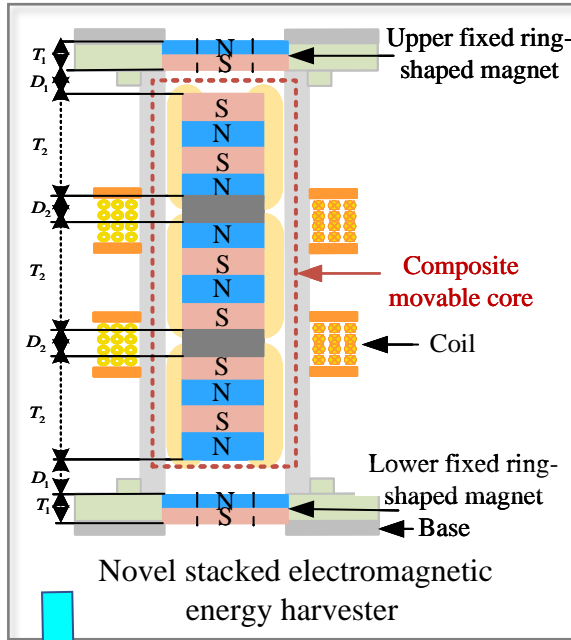


Modeling, complexity and finite-time modified adaptive control of a novel electromagnetic energy harvester



Conclusion: This study presents an adaptive control that rapidly steers the harvester from a low-energy attractor to a high-energy orbit. A brief one-second input achieves a sustained power enhancement, proving the method's superior efficiency.