



Design and fabricate multiple experimentation platforms capable of testing the implementation of time varying automated system identification algorithms.



Engineering Requirements



cience & Technolo





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Evaluation Parameters

Mechanical

Stress analysis • Verify Velocity Consistency

Electrical Analysis • Slip Ring Noise

Expected Results

Production of a time-varying system with well understood dynamics.

Conclusion

Even though a pendulum has not been completed yet, a full system has been made and is ready. Several roadblocks still remain for construction in the form of machine certification, fabrication of the system will proceed as time permits.

Future Work