Improved Course Ratings



Energy Systems



Unmanned Aerial Vehicles





Enhance Laboratory Learning with Virtual Systems

Interactive Unit Operations Lab Simulation



Water Bath Inlet 🔶

Water Bath Outlet <



APMonitor Modeling Language

The APMonitor is modeling platform for dynamic systems. It is coupled with large-scale nonlinear programming solvers for data reconciliation, real-time optimization, dynamic simulation, and nonlinear predictive control. It is available as a web service through MATLAB, Python, or with a browser interface at http://apmonitor.com.



BYU PRISM Group







APMonitor Documentation Wiki gives details of the modeling language and example applications. Compare to other popular model

Premium Account Login Registered users manage applications, view optimization results, and collaborate with other users.

APM MATLAB Interface MATLAB provides a powerful mathematical scripting language to improve the capability of optimization solutions.















Teach Engineering Fundamentals



Biological Systems



Heat Transfer Experiments



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