

USING MATLAB TO BUILD SIMULATIONS AND LEARN FROM THEM IN THE CLASSROOM

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ABSTRACT

This presentation shows how to use MATLAB and its simulation tools Simulink and SimEvents to build hybrid simulations, such as a simulation for estimation production throughput and scheduling. Then, we show how to use MATLAB tools for statistics, machine learning, and optimization to understand the model, as well as use the model to make decisions. We show how to use Live Scripts and Apps for interactive lectures. We also show how to access MATLAB Online through a browser or MATLAB Mobile from your phone. Create and grade assignments with Cody Coursework.