



香港城市大學
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Development of a Discovery-Enriched Platform for Design and Implementation of Dynamic Systems and Control

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Abstract:

This project aims to develop a discovery-enriched engineering design and implementation platform of dynamic systems and control. This platform will introduce students to the theory and practice of system dynamics modeling and control. The platform will enable students' involvement and visualization of concepts and processes via practical application of modeling and analysis of dynamic systems, as well as design and implementation of controllers with appropriate software and hardware for such systems. This platform will be suitable not only for engineering students to obtain in-depth hands-on experience, but also for students in other colleges/schools who are interested in gaining meaningful comprehension of dynamic systems by visualization.