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engineering, and he currently serves as Professor of Engineering Science and Mechanics at Virginia Polytechnic Institute and State University. During the mid 1970s, I had the singular pleasure of chairing Professor Kraige ’ s graduate committee and take particular pride in the fact that he was the first of my forty-five Ph.D. graduates.

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mechanics is used extensively to design power Rigid body generation and transmission systems, from jet engines, to the internal combustion engine, to gearboxes. A typical problem is to convert rotational motion to linear motion, and vice-versa.

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~~Chapter 6 Rigid Body Dynamics – Brown University~~

Problem Sets. There will be two types of problem sets, one for the dynamics part and one for the MATLAB part.

Dynamics problem sets will typically be assigned on Mondays and due the next Monday. They are available in the assignments section. To receive credit, problem sets must be handed in at the beginning of class on the due date.

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