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the importance of visual analysis, especially the use of free-body diagrams. Incisive applications place engineering mechanics in the context of practice with examples from many fields of engineering." (Midwest).

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focuses on developing a solid understanding of basic principles rather than rote learning of specific methodologies.

Nationally regarded authors Andrew Pytel and Jaan Kiusalaas bring a depth of

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experience that can't be surpassed in this third edition of Engineering Mechanics: Dynamics. They have refined their solid coverage of the material without overloading it with extraneous detail and have revised the now 2-color text to be even more concise and appropriate to today's engineering student. The text discusses the application of

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While teaching the basic principles of mechanics in an example-driven format, this innovative text takes a critical thinking approach to help introductory students learn to think like engineers. Compelling photorealistic art, and a robust photograph

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Plesha, Gray, and Costanzo's "Engineering Mechanics: Dynamics" presents the fundamental concepts clearly, in a modern context, using applications and pedagogical devices that connect with today's students.

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format. The authors further include design and computational examples that help integrate these ABET 2000 requirements.

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Centers of Mass; Moments of Inertia;
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Virtual Work and Potential Energy; Motion
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Planar Kinematics of Rigid Bodies; Planar
Dynamics of Rigid Bodies; Energy and
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Dimensional Kinematics and Dynamics of Rigid Bodies; Vibration. For professionals in mechanical, civil, aeronautical, or engineering mechanics fields.

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