

ENGINEERING DYNAMICS

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A Comprehensive Introduction



N. Jeremy Kasdin and Derek A. Paley

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*To our wives Kef and Robyn and our children Alex, Izzy, Ethan,
and Adyn—your dynamics make it all worthwhile.*

Philosophy is written in this grand book—I mean the universe—which stands continually open to our gaze, but the book cannot be understood unless one first learns to comprehend the language and read the letters in which it is composed. It is written in the language of mathematics.

Galileo Galilei, *The Controversy on the Comets of 1618*