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received his B. Tech (Naval Architecture) from the Indian Institute of Technology, Madras, India, M.S. (Aerospace Engineering) from Virginia Tech, Blacksburg, VA and Ph.D. (Engineering Mechanics) from Virginia Tech. Currently, he is a Professor of Mechanical Engineering at the University of Maryland, where has been since 1993.

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Figure E1.5, a slider of mass  $M_r$  is located on a bar whose angular displacement in the plane is described by the coordinate  $T$ .

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