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matics. Mathematics, of course, is the language of engineering. Students must not forget that Sir Isaac Newton had to invent calculus so he could solve orbital mechanics problems in more than just a heuristic way. Newton (1642–1727) was an English physicist and mathematician whose 1687

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Orbital Mechanics for Engineering Students , H. Curtis, 2 rd ed ition, Elsevier, 2010. Other References: Fundamentals of Astrodynamics , Bate, Mueller, & White, Dover, 1971.

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