



Third Edition

HANDBOOK OF
CIVIL ENGINEERING
CALCULATIONS

TYLER G. HICKS, P.E.



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Radovan Zdero PhD CEng MIMechE has decades of experience as an engineer and a mentor to engineers His engineering background includes a master s degree in aerodynamics McMaster University Canada and a doctoral degree in biomechanics Queen s University Canada He is a Chartered Engineer a Member of the Institution of Mechanical Engineers and a Professor in the Division of Orthopaedic Surgery and the Department of Mechanical and Materials Engineering Western University Canada He has published many scholarly research articles in peer reviewed engineering science and medical journals He is also the editor of the engineering textbook Experimental Methods in Orthopaedic Biomechanics Contact the author dr zdero hotmail com

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web the diagram below is a schematic of the prius powertrain with detail in particular i have grossly simplified the way in which the internal combustion engine ice drives the planet gears in the power split device psd and the way that the ring gear is connected to the silent chain sprocket and motor generator 2 mg2 it is

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web feb 10 2015 i ran across this page yesterday and was fascinated by the inner workings of the power split device psd i also noticed that there was enough information there for me to put together an animation and working interactive demo of the psd with controls for input from ice and mg2 so i spent a couple hours putting it together in maya

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