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Nelson Kwok Ng



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Metabolic Calculations, Simplified David P. Swain, Brian C. Leutholtz, 1997 At last here is a simplified version of the ACSM metabolic equations and an easier way to solve them Drs Swain and Leutholtz provide straightforward formulas for figuring the caloric expenditure or oxygen consumption during walking running stationary cycling and bench stepping This handy reference also shows how to apply the equations to other pieces of exercise equipment calculate heart rate prescriptions and estimate maximal oxygen consumption from exercise tests In addition to simplifying difficult math problems without sacrificing the underlying content of the equations or the accuracy of their answers the authors reinforce their formulas with many sample problems and case studies

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