



Computer Solutions in Physics: With Applications in Astrophysics, Biophysics, Differential Equations, and Engineering

By Steve Van Wyk

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Book Condition: new. BRAND NEW, Computer Solutions in Physics: With Applications in Astrophysics, Biophysics, Differential Equations, and Engineering, Steve Van Wyk, With the great progress in numerical methods and the speed of the modern personal computer, if you can formulate the correct physics equations, then you only need program a few lines of code to get the answer. Where other books on computational physics dwell on the details of problems, this book takes a detailed look at how to set-up the equations and actually solve them on a PC. Focusing on popular software packages like Mathematica, Maple and MatLab, the book offers undergraduate student a comprehensive treatment of the methodology used in programing solutions to equations in physics.



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