

Advanced Engineering Mathematics

By Merle C. Potter, J. L. Goldberg, Edward Aboufadel

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Written in a clear, accessible style, the third edition incorporates three software packages--Maple®, Excel®, and MATLAB®--in problems and examples throughout the text. Topics covered include series methods, Laplace transforms, matrix theory and applications, vector analysis, Fourier series and transforms, partial differential equations, numerical methods using finite differences, complex variables, and wavelets.

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