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AMERICAN MATHEMATICAL SOCIETY
P. O. Box 6248
Providence, Rhode Island 02904

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Second-class postage paid at Providence, Rhode Island and at additional mailing offices.
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by C.T. Fike, Staff Member, IBM Systems Research Institute, covers the mathematical methods used to code computer programs for evaluating such mathematical functions as \( \sin x \) and \( \log x \). Written for the junior-senior undergraduate student in mathematics or engineering, or for the numerical analyst and computer programmer, this book brings together all the material essential to developing a computer function evaluating program. It features such unusual topics as Chebyshev series, continued fractions, asymptotic series, and evaluation of polynomials.

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