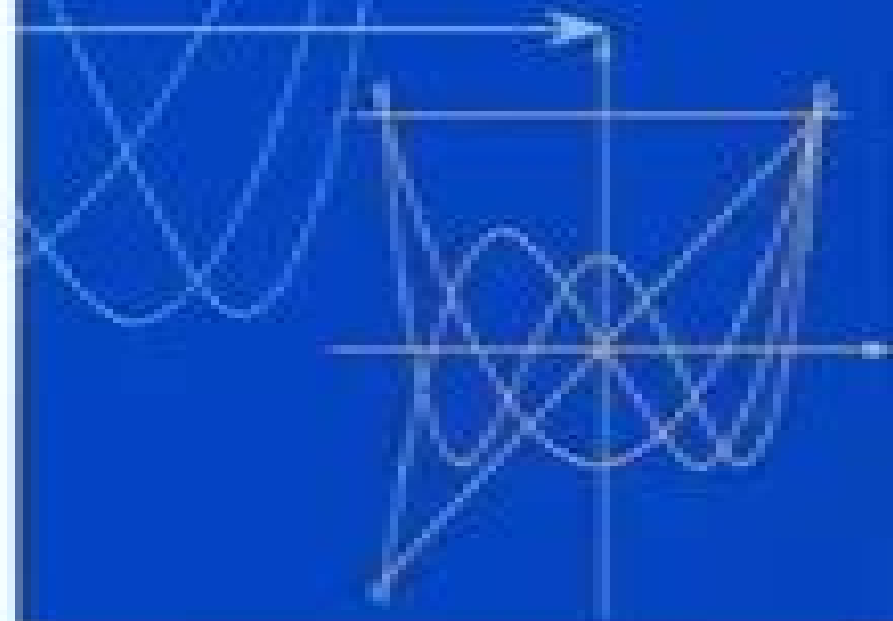


**SPECIAL  
FUNCTIONS  
OF MATHEMATICS  
FOR ENGINEERS**

Second Edition

LARRY C. ANDERS



# Special Functions Of Mathematics For Engineers Second Edition Spie Press Monograph Vol Pm49

**Larry C. Andrews, Ronald L. Phillips**



## **Special Functions Of Mathematics For Engineers Second Edition Spie Press Monograph Vol Pm49:**

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overview of the modern field of special functions with all major subfields represented including applications to algebraic geometry asymptotic analysis conformal mapping differential equations elliptic functions fractional calculus hypergeometric and  $q$  hypergeometric series nonlinear waves number theory symbolic and numerical evaluation of integrals and theta functions A few articles are expository with extensive bibliographies but all contain original research This book is intended for pure and applied mathematicians who are interested in recent developments in the theory of special functions It covers a wide range of active areas of research and demonstrates the vitality of the field

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