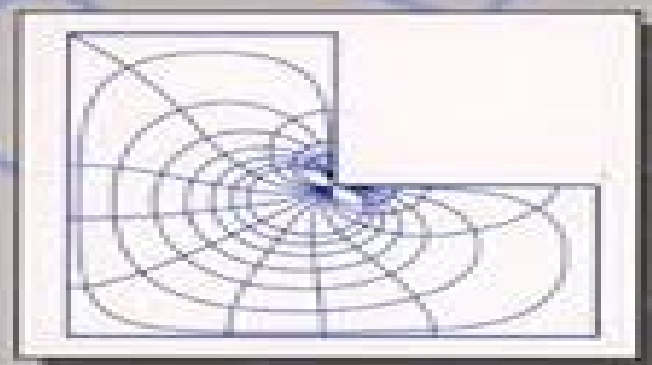


S E C O N D E D I T I O N

Fundamentals of
COMPLEX ANALYSIS
for
**MATHEMATICS,
SCIENCE,
AND ENGINEERING**



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Fundamentals Of Complex Analysis For Mathematics Science And Engineering

E. B. Saff, Arthur David Snider



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dynamics minimal surfaces fluid flows harmonic conformal and polygonal mappings and discrete complex analysis via circle packing The nature of this book is different from many mathematics texts the focus is on student driven and technology enhanced investigation Interlaced in the reading for each chapter are examples exercises explorations and projects nearly all linked explicitly with computer applets for visualization and hands on manipulation *Handbook of Complex Variables* Steven G. Krantz, 2012-12-06 This book is written to be a convenient reference for the working scientist student or engineer who needs to know and use basic concepts in complex analysis It is not a book of mathematical theory It is instead a book of mathematical practice All the basic ideas of complex analysis as well as many typical applications are treated Since we are not developing theory and proofs we have not been obliged to conform to a strict logical ordering of topics Instead topics have been organized for ease of reference so that cognate topics appear in one place Required background for reading the

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