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We now consider functions of a complex variable and develop a theory of differentiation for them. The main goal of the chapter is to introduce analytic functions, which play a central role in complex analysis. 12.
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Transcript. 1 COMPLEX VARIABLES AND APPLICATIONS Eighth Edition James Ward Brown Professor of Mathematics The University of MichiganDearborn Ruel V. Churchill Late Professor of Mathematics The University of Michigan . 2 COMPLEX VARIABLES AND APPLICATIONS, EIGHTH EDITION Published by McGraw-Hill, a business unit of The McGraw-Hill Companies, Inc., 1221 Avenue of the Americas, New York, NY 10020.

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