



# APPLIED CALCULUS

Hughes-Hallett Gleason Lock Flath et al.

5th Edition

# Applied Calculus 5th Edition

**Hughes-hallett**

## **Applied Calculus 5th Edition:**

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calculus The text includes projects problems and exercises the projects ask the students to engage with the research literature problems ask the students to extend their understanding of the materials and exercises ask the students to check their understanding as they read the text Students who successfully work their way through the text will be able to engage in a meaningful way with the research literature to the point that they would be able to make genuine contributions to the literature

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*Pasquale,Jeff Tecosky-Feldman,Joseph Thrash,Karen R. Rhea,Thomas W. Tucker,2015-01-19*

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next level of mathematics It attempts to answer the questions How does mathematics help us to better our society and understand the world around us and What are some of the unifying ideas of mathematics The central theme helps to impress upon the student the feeling that mathematics is more than a disconnected potpourri of rules and tricks Although it would be inappropriate to force a functional connection in every single section the theme is used whenever possible to provide conceptual bridges between chapters Developing the concept of a function augments the presentation of many topics in every chapter The Text's Objectives The author chose the topics based on meeting the specific NCTM curriculum standards

1 Strengthen estimation and computational skills 2 Utilize algebraic concepts 3 Emphasize problem solving and reasoning

4 Emphasize pattern and relationship recognition 5 Highlight importance of units in measurement 6 Highlight importance of the notion of a mathematical function 7 Display mathematical connections to other disciplines

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