

ZMATH 1998c.02011

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Precalculus concepts. Preliminary edition.

Prentice Hall, Englewood Cliffs, NJ (ISBN 0-13-261694-7). 590 p. (1997).

The textbook provides a course to develop students ability to read, write, think and do mathematics and to give the students command of the facts and methods of algebra and trigonometry. A unique feature of this course is its emphasis on developing fluency in the abstract and symbolic language of algebra. The course is intended to serve as a bridge from high-school algebra II and trigonometry to college calculus. A graphics calculator is required. Contents: Fundamental concepts; Functions and graphs; Fundamental functions; Powers; Exponential and logarithmic functions; Trigonometry; Trigonometry for calculus; Other topics (Complex numbers, Polar coordinates, Parametric equations); Conic sections.

Classification: H14