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Nota di contenuto	Preface -- Introduction -- Trig-level one. The basics of trigonometry. Pythagoras' theorem -- Trig-level two. Compound angles, double angles and half angles -- Trig-level three. Angles in a triangle. Sum and difference of sin and cos -- Practical trig. Numerical values of special angles-graphs of sin, cos and tan for 0-360 degrees -- Appendix. The concordance of trigonometric identities. The encyclopedia of trigonometric games or trigonometric identity proofs (TIPs) -- Level-one-games: easy proofs -- Level-two-games: less-easy proofs -- Level-three-games: not-so-easy proofs -- Addenda.
Sommario/riassunto	"This encyclopedia contains trigonometric identity proofs for some three hundred identities. The book is presented in the form of mathematical games for the reader's enjoyment and includes a concordance of trigonometric identities, enabling easy reference. Trig or Treat is a must-have for: <ul style="list-style-type: none"> • every student of trigonometry, to find the proofs for trigonometric identities that may be set in class or in exams; • every teacher of trigonometry, to have easy access to trigonometric identities of different levels of difficulty, to set assignments for different levels of students; • every library, to provide a ready resource for students • every aficionado of Sudoku, crossword puzzles, jigsaw puzzles, Tetris, and other games, who love an intellectual challenge. "