

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910458085603321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Autore                  | Yeo Adrian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Titolo                  | Trig or treat [[electronic resource] ] : an encyclopedia of trigonometric identity proofs (TIPs), intellectually challenging games // Yeo Adrian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Pubbl/distr/stampa      | Singapore, : World Scientific Pub., c2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ISBN                    | 1-281-92902-6<br>9786611929022<br>981-277-620-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Descrizione fisica      | xiv, 399 p. : ill                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Disciplina              | 516.24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Soggetti                | Trigonometry<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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"> <li>• every student of trigonometry, to find the proofs for trigonometric identities that may be set in class or in exams;</li> <li>• every teacher of trigonometry, to have easy access to trigonometric identities of different levels of difficulty, to set assignments for different levels of students;</li> <li>• every library, to provide a ready resource for students</li> <li>• every aficionado of Sudoku, crossword puzzles, jigsaw puzzles, Tetris, and other games, who love an intellectual challenge."</li> </ul> |

