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*Dennis Roddy, John G. Coolen*

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**Dennis Roddy, John G. Coolen : Electronic Communications** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Electronic Communications:

0 of 0 people found the following review helpful. Five Stars By electrosta excellent 0 of 0 people found the following review helpful. For one/two-term courses in Basic Electronic Communications. By Alexandre A. Alves This comprehensive introduction to electronic communications explores the fundamental concepts and their state-of-the-art application in radio, telephone, facsimile, television, satellite, and fiber optic communications. It features an explanatory as well as descriptive approach, avoids lengthy mathematical derivations, and introduces the use of Mathcad for problem solving in selected areas. \* provides exceptionally comprehensive coverage allowing instructors a range of material from which to choose. \* avoids lengthy mathematical derivations, but gives important mathematical results and their physical interpretation. \* makes use of Mathcad for problem solving in selected areas to alleviate tedious mathematical manipulation of formulas. \* features new chapters on digital signals and digital communications. \* adds new sections on facsimile transmission. \* expands problem sets. 1 of 2 people found the following review helpful. Great textbook! By D Cummings I found this book to be very readable compared to all other textbooks I read during my Engineering degree. Prof. Roddy and Prof. Coolen wrote the book in a manner made it easy to comprehend and many times quite interesting! It did a very good job at un-complicating the material in a manner that does not water down the content. It was easily the best text book overall I have read.

For subjects in communication electronics, Roddy and Coolen have updated the book across the board and have suggested computer applications for problem-solving where appropriate. Pitch on a par with Tomasi, especially in use of mathematical formulas.

From the Publisher This comprehensive introduction to electronic communications explores the fundamental concepts -- and their state-of-the-art application in radio, telephone, facsimile, television, satellite, and fiber optic communications. It features an explanatory as well as descriptive approach, avoids lengthy mathematical derivations, and introduces the use of Mathcad for problem solving in selected areas. From the Back Cover The major additions to the fourth edition are new chapters on digital signals and digital communications. Many of the other chapters have been considerably expanded, and new problem sets have been added. Mathcad1 has been introduced as a tool for problem solving, but the problems are formulated in such a way that these can be solved using other computer packages, or a good calculator.