

## Real Analysis Problems And Solutions

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**Real Analysis Problems And Solutions**  
perfect introduction to real analysis. To achieve their goal, the authors have care-fully selected problems that cover an impressive range of topics, all at the core of the subject. Some problems are genuinely difficult, but solving them will be highly rewarding, since each problem opens a new vista in the understanding of mathematics.

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**Real Analysis Problems - Temple University**  
Some of the problems are assigned in the textbook for this course: Rudin, Walter. Principles of Mathematical Analysis (International Series in Pure and Applied Mathematics) . 3rd ed. McGraw-Hill, 1976.

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Real Analysis book with lots of solved problems is the two volume book. Principles of Real Analysis and Problems in Real Analysis from Alprantis and Burkinshaw. They present more than \$600\$ problems in their Principles and they provide complete solutions to these problems in their Problems book which was sometimes very helpful for me.

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analysis given by the Mathematics Department at the University of Hawaii over the period from 1991 to 2007. I have done my best to ensure that the solutions are clear and correct, and that the level of rigor is at least as high as that expected of students taking the ph.d. exams. In solving many of these problems, I benefited enormously from the

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Real Analysis by D. A. Sprecher. A list of analysis texts is provided at the end of the book. Although A Problem Book in Real Analysis is intended mainly for undergraduate mathematics students, it can also be used by teachers to enhance their lectures or as an aid in preparing exams.