

PREFACE

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This Solutions Manual is intended to accompany the textbook Signals in Linear Circuits and to provide detailed step-by-step solutions for all problems given in that textbook. It is intended that it be available only to the instructor of courses for which the book is used. In contrast, the answers but not the method of solution for all exercises are given at the end of the book.

The instructor will note that some of the problems have been starred (★) to indicate that they are difficult for most undergraduate students. Experience has shown that these problems are indeed very difficult for all but the most talented students, and they should be assigned with proper caution.

It was the authors' intention that the problems be of variable difficulty, some being as routine as those of the exercises, and the others being more of a challenge. Except for the starred problems, it should be evident from the solutions provided which are the easy and which the difficult problems.

The solutions for problems which appeared in Introductory Signals and Circuits, from which the present textbook was developed in a revised edition, were prepared by John P. Gordon, then a graduate student and Instructor at the University of Illinois and now a faculty member at Arizona Northern University. We acknowledge our gratitude to Dr. Gordon for the insight he brought into the problem solutions.

Finally, we solicit comments and suggestions on the solutions that have been provided, including any detected errors. Should you be inclined to write, we will be pleased to hear from you.

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