



Radar Systems Analysis and Design Using MATLAB Third Edition

By *Bassem R. Mahafza*

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Developed from the author's graduate-level courses, the first edition of this book filled the need for a comprehensive, self-contained, and hands-on treatment of radar systems analysis and design. It quickly became a bestseller and was widely adopted by many professors. The second edition built on this successful format by rearranging and updating topics and code.

Reorganized, expanded, and updated, **Radar Systems Analysis and Design Using MATLAB[®], Third Edition** continues to help graduate students and engineers understand the many issues involved in radar systems design and analysis. Each chapter includes the mathematical and analytical coverage necessary for obtaining a solid understanding of radar theory. Additionally, MATLAB functions/programs in each chapter further enhance comprehension of the theory and provide a source for establishing radar system design requirements.

Incorporating feedback from professors and practicing engineers, the third edition of this bestselling text reflects the state of the art in the field and restructures the material to be more convenient for course use. It includes several new topics and many new end-of-chapter problems. This edition also takes advantage of the new features in the latest version of MATLAB. Updated MATLAB code is available for download on the book's CRC Press web page.

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?*The Aeronautical Journal*, September 2014

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?John J. Shea, *IEEE Electrical Insulation Magazine*, July/August 2014

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