

Introduction To Biomedical Engineering Edition No 3

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Introduction to Biomedical Engineering | ScienceDirect

Preface. The purpose of the third edition remains the same as the first and second editions, that is, to serve as an introduction to and overview of the field of biomedical engineering. Many chapters have undergone major revision from the previous editions with new end-of-chapter problems added. Some chapters were eliminated completely, with several new chapters added to reflect changes in the field.

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The discipline of biomedical engineering has emerged as an integrating medium for two dynamic professions, medicine and engineering, and has assisted in the struggle against illness and disease by providing tools such as biosensors, biomaterials, image processing, and artificial intelligence that can be utilized for research, diagnosis, and treatment by health care professionals.

Introduction to Biomedical Engineering | ScienceDirect

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