Biomechatronic Design in Biotechnology

A Methodology for Development of Biotechnological Products

Mechatronic Design for Biotechnology provides the fundamentals, theory, and applications of bio-mechatronic design principles. This cutting-edge book presents professionals in the industrial biotech sector with a unifying approach to the many fields of engineering sciences and biotechnology used in the product development of protein purification systems, artificial human organs, and stem-cell technology.

Bio-mechatronics integrates mechanical parts with a human being. Illustrating how the general engineering design science theory can be applied when designing a technical system where biological species or components are integrated.

Sample Chapter

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