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the purification of biomolecules in manufacturing and lyophilization of protein pharmaceuticals are discussed Includes a case study on blow fill seal processing technology and a chapter on economic and cost factors for bioprocess engineering

Case Studies in Engineering Design Clifford Matthews,1998-08-04 A multidisciplinary introduction to engineering design using real life case studies Case Studies in Engineering Design provides students and practising engineers with many practical and accessible case studies which are representative of situations engineers face in professional life and which incorporate a range of engineering disciplines Different methodologies of approaching engineering design are identified and explained prior to their application in the case studies The case studies have been chosen from real life engineering design projects and aim to expose students to a wide variety of situations
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