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Chemical reactor design and technology : overview of the new developments of energy and petrochemical reactor technologies : projections for the 90's / edited by Hugo I. de Lasa ; [proceedings of the NATO Advanced Study Institute on "Chemical Reactor Design and Technology," London, Ontario, Canada, June 2-12, 1985] M. Nijhoff ; Distributors for ...

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Reactor and Process Design in Sustainable Energy Technology

Gavin Towler, Ray Sinnott, in Chemical Engineering Design (Second Edition), 2013. 7.1 Introduction. Most chemical engineering design projects are carried out to provide information from which estimates of capital and operating costs can be made. Chemical plants are built to make a profit, and an estimate of the investment required is needed before the profitability of a project can be assessed.