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Nota di contenuto	Multiproduct Plants; Contents; Preface; Editor and Authors; Part 1 Basic Concepts; 1 Definitions of Multiproduct Plants and Flexibility Demands; 1.1 Definitions and Concepts; 1.2 Flexibility Demands of Multiproduct Plants; 1.3 References; 2 Application Areas; 2.1 General; 2.2 Research and Development; 2.3 Production; 2.4 References; 3 Concepts; 3.1 The Discontinuously Operated Standard Multiproduct Plant; 3.1.1 General; 3.1.2 Structure of the Plant; 3.1.2.1 Basic Construction; 3.1.2.2 The Agitated Reactor Vessel as Central Apparatus 3.1.3 Application of Discontinuously Operated Multiproduct Plants3.2 Continuously Operated Standard Multiproduct Plants; 3.2.1 Plant Structure; 3.2.2 Technical Limitations; 3.2.3 Plant Types; 3.2.3.1 Continuously Operated Single-Line Multiproduct Plants for a Small Number of Very Similar Products (Type 1, Synthesis-Oriented); 3.2.3.2 Continuously Operated Single-Line Multiproduct Plants for a Single Product Class (Type 2, Product-Class-Oriented); 3.2.3.3 Continuously Operated Multiline Multiproduct Plants for More Than One Product Class (Type 3, Synthesis- and Product-Class-Oriented) 3.2.4 Examples of Processes in the Different Plant Types3.2.5 Example of a Process Modification; 3.2.6 Special Aspects of Process Engineering; 3.3 Modular Multiproduct Plants; 3.3.1 Definitions; 3.3.2 Plant Structure; 3.3.3 Application Areas and Limitations; 3.4 Multiproduct

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#### Sommario/riassunto

In the chemical industry, just in time delivery and ever more efficient processes are prime requisites for competitiveness. High end products require a wide product diversity resulting in lower quantities of each single product. The answer to the problem are multiproduct plants designed to meet changing requirements. Already at design stage, different potential requirements are taken into consideration allowing technical equipment to be installed according to the desired product. Reconfiguration can be achieved quickly through exchange of readily available components without costly refitting o

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