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Sommario/riassunto

This book, 'Fundamentals of Heat Exchanger Design,' by Dušan P. Sekuli and Ramesh K. Shah, provides a comprehensive overview of heat exchanger design and construction. It covers various aspects of heat exchangers including thermal and hydraulic design, mechanical design, and manufacturing considerations. The book delves into methodologies like the ϵ -NTU method, P-NTU method, and mean temperature difference method, offering detailed analyses and comparisons. It also explores advanced topics such as entropy generation, energy and exergy balances, and performance evaluation criteria. Intended for engineers and students in the field of thermal sciences, the book aims to equip readers with the necessary tools and knowledge to design efficient heat exchangers.
