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Nota di contenuto	Cover -- Title Page -- Copyright Page -- Contents -- Introduction -- Chapter 1 Available Technologies -- 1.1. Introduction -- 1.2. The simplest form of heat exchanger: single-tube or coaxial -- 1.3. Shell-and-tube heat exchangers -- 1.4. Coil-in-tank heat exchangers -- 1.5. Compact heat exchangers -- 1.5.1. Finned-tube cross-flow heat exchangers -- 1.5.2. Car radiators -- 1.5.3. Plate-fin heat exchangers -- 1.5.4. Plate heat exchangers -- 1.5.5. Spiral heat exchangers -- 1.5.6. Printed-circuit heat exchangers -- 1.6. Rotary regenerative heat exchangers -- 1.7. Phase-change heat exchangers -- 1.7.1. Condensers -- 1.7.2. Reboilers and evaporators -- 1.7.3. Heat-pipe heat exchangers -- 1.8. Heat exchangers for power electronics -- 1.8.1. Electronic radiators and heat sinks -- 1.8.2. Forced-convection heat sinks -- 1.8.3. Cold-plate heat exchangers -- 1.8.4. Microchannel coolers -- 1.8.5. Refrigerated heat exchangers -- 1.8.6. Spray heat exchangers: spray coolers -- 1.8.7. Micro heat pipes for electronic systems -- 1.8.8. Evaporation-chamber heat exchangers -- Chapter 2 Tubular Heat Exchanger Design -- 2.1. Introduction -- 2.2. Coaxial tubular heat exchangers -- 2.3. Tubular coil-in-tank heat exchangers -- 2.4. Multitube heat exchanger technology -- 2.4.1. Tube plates --

2.4.2. Fixed-head heat exchangers -- 2.4.3. Floating-head heat exchangers -- 2.4.4. Multipass heat exchangers -- 2.4.5. Transverse baffles -- 2.4.6. Arrangement of tubes inside tubular heat exchangers -- 2.5. Flow in a tubular heat exchanger -- 2.6. Position of transverse baffles and flow parameters -- 2.6.1. Position of baffles in the shell -- 2.6.2. Baffle geometry -- 2.6.3. Illustration: AF, F and from -- 2.6.4. Shell-baffle and baffle-tube clearances -- 2.6.5. Longitudinal free area -- 2.6.6. Transverse free area -- 2.6.7. Flowrates.
2.7. Calculation of the Reynolds number for flow in the shell -- 2.7.1. Use of hydraulic diameter for shells without baffles -- 2.7.2. The Bell-Delaware method for shells with baffles -- Chapter 3 Compact Heat Exchanger Design -- 3.1. Introduction -- 3.2. General parameters of compact heat exchangers -- 3.2.1. Compactness -- 3.2.2. Hydraulic diameter -- 3.2.3. Porosity -- 3.2.4. Relationship between compactness and hydraulic diameter -- 3.3. Finned-tube compact heat exchanger technology and design -- 3.3.1. Individually-finned tube heat exchangers -- 3.3.2. Collectively-finned tube heat exchangers -- 3.4. Plate-fin heat exchanger technology and design -- 3.4.1. Flow configuration -- 3.4.2. Fin type and arrangement -- 3.4.3. Fin-plate attachments and exchange modules -- 3.4.4. Geometric parameters -- 3.4.5. Calculation of the hydraulic diameter for plate-fin heat exchangers -- 3.4.6. Calculation of the Reynolds number -- 3.5. Plate heat exchanger technology and design -- 3.5.1. Gasketed-plate heat exchangers -- 3.5.2. Brazed-plate heat exchangers -- 3.5.3. Sizing parameters -- 3.6. Spiral heat exchanger technology -- 3.6.1. Gap -- 3.6.2. Hydraulic diameter -- 3.6.3. Reynolds number -- 3.6.4. Relationship between number of revolutions and length -- 3.7. Printed-circuit heat exchanger technology and design -- 3.7.1. Diameter-pitch-thickness relationship -- 3.7.2. Constraints on the number of channels per layer -- 3.7.3. Constraints on numbers of layers -- 3.7.4. Hydraulic diameter -- 3.7.5. The Reynolds number -- 3.7.6. Mechanical strength -- 3.8. New developments in compact heat exchangers -- Chapter 4 Heat Exchanger Selection, and Sizing Parameters -- 4.1. Introduction -- 4.2. Choosing the type of heat exchanger to be used -- 4.2.1. Nature of fluids and temperature ranges -- 4.2.2. Design pressure -- 4.2.3. Thermal schedule of a heat exchanger.
4.2.4. The selection itself -- 4.3. Selection of fluid circuits: which fluid for what side? -- 4.4. Choosing the flow configuration -- 4.5. Illustration: choosing a heat exchanger and determining its thermal schedule -- 4.6. Sizing, a complex problem -- 4.6.1. Parameters to be determined by the designer -- 4.6.2. Origin of the complexity -- Chapter 5 Sizing Methods -- 5.1. Introduction -- 5.2. Analysis of temperature profiles in an exchanger -- 5.3. Overall heat transfer coefficient -- 5.3.1. Overall coefficient for a clean exchanger -- 5.3.2. Overall coefficient for a fouled exchanger -- 5.3.3. Overall coefficient for finned heat exchangers -- 5.4. Illustration: overall heat transfer coefficient for a fouled exchanger -- 5.5. Calculation of the heat flux transferred -- 5.5.1. Heat balances -- 5.5.2. Relationship between flux and transfer area -- 5.6. Method based on the calculation of efficiency: NTU method -- 5.6.1. Definition of efficiency -- 5.6.2. Efficiency of a co-flow heat exchanger -- 5.6.3. Number of transfer units (NTU) -- 5.6.4. Illustration: outlet temperatures of a heat exchanger -- 5.6.5. Efficiency of other heat exchanger types -- 5.6.6. Practical calculations of efficiency -- 5.6.7. Illustration: heat recovery from industrial waste heat -- 5.7. Method based on logarithmic mean temperature difference -- 5.7.1. Case of a one-pass heat exchanger -- 5.7.2. Illustration: comparison of flow configurations -- 5.7.3. Case of multipass and

cross-flow heat exchangers -- 5.7.4. Determination of the correction factors -- Chapter 6 Sizing Algorithms for Heat Exchangers -- 6.1. Introduction -- 6.2. Principle of heat exchanger sizing -- 6.3. Calculation algorithm for multitube heat exchangers -- 6.4. Illustration: implementation of the shell-and-tube algorithm -- 6.5. Calculation algorithm for cross-flow heat exchangers -- 6.5.1. General algorithm.
6.5.2. Case of embedded heat exchangers -- 6.6. Illustration: sizing of car radiators -- 6.7. Calculation algorithm for plate heat exchangers -- 6.8. Illustration: implementation of the plate heat exchanger algorithm -- 6.9. Calculation algorithm for spiral heat exchangers -- 6.10. Illustration: implementation of the spiral heat exchanger algorithm -- 6.11. Calculation algorithm for printed-circuit heat exchangers -- 6.12. Illustration: implementation of the PCHE calculation algorithm -- Appendices -- Appendix 1 Database -- A1.1. Introduction -- A1.2. Densities -- A1.2.1. Densities for certain metals and alloys -- A1.2.2. Densities for certain construction materials -- A1.2.3. Densities of certain thermal insulation materials -- A1.3. Heat capacities -- A1.3.1. Sensible heats of certain metals and alloys -- A1.3.2. Sensible heats of certain construction materials -- A1.3.3. Sensible heats of certain thermal insulation materials -- A1.4. Heat conductivities -- A1.4.1. Heat conductivities of certain metals and alloys -- A1.4.2. Heat conductivities of construction materials -- A1.4.3. Conductivities of certain thermal insulation materials -- A1.5. Heat-lagging data -- A1. 6. Thermal conductivities of liquids -- A1.7. Physical properties of water -- A1.8. Physical properties of air -- A1.9. Physical properties of nanofluids -- A1.10. Physical properties of molten salts -- A1.11. Physical properties of liquid metals -- A1.12. Dimensions and thicknesses of tubes for exchangers -- A1.13. Exchanger shell diameters -- A1.14. Fouling coefficients and resistances -- A1.15. Overall heat transfer coefficient for "fouled" heat exchangers -- A1.16. Characteristics of heat exchanger plates -- A1.17. Characteristics of standard spiral heat exchangers -- A1.18. Unit conversion tables -- Appendix 2 Calculation of Convection Heat Transfer Coefficients in Exchangers.
A2.1. Introduction -- A2.2. Calculation of coefficients for shell-and-tube heat exchangers -- A2.2.1. Coefficients inside the tubes, hi -- A2. 2.2. Shell-side coefficient, he -- A2.3. Coefficients for coaxial single-tube heat exchangers -- A2.4. Heat transfer coefficients for coil-in-tank exchangers -- A2.4.1. Convection heat transfer coefficient inside the coil -- A2.4.2. Convection heat transfer coefficient on the tank side -- A2.5. Coefficients for cross-flow tubular heat exchangers -- A2.5.1. Coefficients inside tubes, hi -- A2.5.2. Heat transfer coefficients in the shell space -- A2.6. Coefficients for plate-fin heat exchangers -- A2.7. Coefficients for plate heat exchangers -- A2.8. Coefficients for spiral heat exchangers -- A2.9. Coefficients for printed-circuit heat exchangers -- A2.10. Heat-transfer coefficients for two-phase heat exchangers -- A2.10.1. Heat-transfer coefficients for condensers -- A2.10.2. Heat transfer coefficients for boilers and evaporators -- A2. 11. Coefficients for heat exchangers operating with nanofluids, liquid metals or molten salts -- A2.11.1. Heat transfer coefficients inside the tubes -- Appendix 3 Calculation of Pressure Drops in Exchangers -- A3.1. Introduction -- A3.2. Pressure drops and operating costs -- A3. 3. Pressure drops in shell-and-tube heat exchangers -- A3.3.1. Pressure drops inside the tubes -- A3.3.2. Pressure drop in the shell -- A3.4. Pressure drops in coaxial single-tube heat exchangers -- A3.4.1. Pressure drops in the inner tube -- A3.4.2. Pressure drops in the annulus -- A3.5. Pressure drops in coil-in-tank heat exchangers -- A3.

6. Pressure drops for cross-flow tubular heat exchangers -- A3.6.1. Pressure drops inside the tubes -- A3.6.2. Pressure drop in the shell -- A3.7. Pressure drops in plate-fin heat exchangers -- A3.8. Pressure drops in plate heat exchangers.
A3.9. Pressure drops in spiral heat exchangers.

Sommario/riassunto

This book, 'Heat Exchangers: Design and Sizing Algorithms' by Abdelhanine Benallou, provides a comprehensive guide on the design and sizing of various types of heat exchangers. It covers a wide range of technologies including single-tube, shell-and-tube, coil-in-tank, compact exchangers, phase-change heat exchangers, and those used in power electronics. The book is aimed at professionals and students in the field of energy engineering, offering detailed explanations of design principles, sizing algorithms, and practical applications. The author seeks to equip readers with the necessary knowledge to effectively design and implement heat exchangers in diverse engineering contexts.