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| Nota di contenuto | Unit conversion factors and symbols -- Physical and chemical data -- Mathematics -- Thermodynamics -- Heat and mass transfer -- Fluid and particle dynamics -- Reaction kinetics -- Process control -- Process economics -- Transport and storage of fluids -- Heat-transfer equipment -- Psychrometry, evaporative cooling, and solids drying -- Distillation -- Equipment for distillation, gas absorption, phase dispersion, and phase separation -- Liquid-liquid extraction and other liquid-liquid operations and equipment -- Adsorption and ion exchange -- Gas-solid operations and equipment -- Liquid-solid operations and equipment -- Reactors -- Bioreactions and bioprocessing -- Solids processing and particle technology -- Waste management -- Process safety -- Energy resources, conversion, and utilization -- Materials of construction |