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Nota di contenuto	1. Solid Particle Erosion -- By Wang Di and Yang Zhen -- 2. Periodic Instabilities in a Specific Low-Speed Pump Working as a Turbine -- By Hernan Bolanos and Francisco Botero -- 3. The Influences of Combined Distortions on Fan Performance -- By Quanyong Xu, Anping Hou and Honghu Wu -- 4. Electrification for Aero-Engines: A Case Study of Modularization in New Product Development -- By Edgar Jeevan Danaraj -- 5. Principles of Diagnosing: The Technical Condition of the Bearings of the Gas Turbine Engine Supports Using Rhythmogram and Scatterogram -- By Dmitry Balakin, Vitaly Shtykov, Alexey Zubko, Shalimova Elena Vladimirovna and Zayed Saleh Salem Ali.
Sommario/riassunto	Turbomachinery refers to machines such as turbines, compressors, and pumps that transfer energy between a rotor and a fluid. This book provides a comprehensive overview of turbomachinery with two sections: "Turbomachinery Problems" and "Turbomachinery Solutions". Problems discussed include erosion, distortion, and instability. Solutions explored include diagnosis methods like rhythmograms and scatterograms.