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Autore	Yin Yaobao
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Nota di contenuto	Introduction -- Pneumatic components foundation -- Bilateral pneumatic servo valve -- Pneumatic servo valve with load bearing -- Pneumatic servo system -- Mechanism of aerodynamic throttling refrigeration and heating and aerodynamic temperature control -- Ultra high pressure pneumatic pressure relief valve.
Sommario/riassunto	This book covers the author's research achievements and the latest advances in high-speed pneumatic control theory and applied technologies. It presents the basic theory and highlights pioneering technologies resulting from research and development efforts in aerospace, aviation and other major equipment, including: pneumatic servo control theory, pneumatic nonlinear mechanisms, aerothermodynamics, pneumatic servo mechanisms, and high-speed pneumatic control theory.