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Autore	Doolan Con
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Altri autori (Persone)	MoreauDanielle WillsAngus
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Nota di contenuto	Fluid-acoustic interactions with resonance around an axial fan in a duct -- Porous edges for flow noise reduction from theory to application -- Similitude Laws for Scaling Vibrations and Acoustic Radiation of Panels Excited by a Turbulent Boundary Layer -- Validity of Amiet’s theory on airfoil wall-pressure fluctuations subjected to turbulent inflow -- Transient aeroacoustic analysis of pitching wing at low Reynolds number.
Sommario/riassunto	This book gathers the latest advances and innovations in the field of flow-induced vibration and noise, as presented by leading international researchers at the 4th International Symposium on Flow-Induced Noise and Vibration Issues and Aspects (FLINOVIA), which was held in Sydney, Australia, in May 2023. It explores topics such as turbulent boundary

layer-induced vibration and noise, noise due to ingested turbulence, rotor noise, fluid-structure interaction problems, innovative measurement methods, and noise control techniques. The authors' backgrounds represent a mix of academia, government, and industry, and several papers include applications to important problems for underwater vehicles, aerospace applications, and commercial transportation. The book offers a valuable reference guide for all those interested in measurement, modelling, simulation, and reproduction of the flow excitation and flow-induced structural response.