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REFLECTING INFINITE SURFACES; 7.2 REFLECTIONS FROM FINITE OBJECTS; 7.3 ABSORPTION; 7.4 ABSORPTION MECHANISMS; 7.5 ABSORPTION BY NONPOROUS ABSORBERS; 7.6 ABSORPTION BY RESONANT ABSORBERS; 8 - SOUND IN ENCLOSED SPACES; 8.1 STANDING WAVES IN PIPES AND TUBES; 8.2 SOUND PROPAGATION IN DUCTS
8.3 SOUND IN ROOMS 8.4 DIFFUSE-FIELD MODEL OF ROOMS; 8.5 REVERBERANT FIELD EFFECTS; 9 - SOUND TRANSMISSION LOSS; 9.1 TRANSMISSION LOSS; 9.2 SINGLE PANEL TRANSMISSION LOSS THEORY; 9.3 DOUBLE-PANEL TRANSMISSION LOSS THEORY; 9.4 TRIPLE-PANEL TRANSMISSION LOSS THEORY; 9.5 STRUCTURAL CONNECTIONS; 10 - SOUND TRANSMISSION IN BUILDINGS; 10.1 DIFFUSE FIELD SOUND TRANSMISSION; 10.2 STC RATINGS OF VARIOUS WALL TYPES; 10.3 DIRECT-FIELD SOUND TRANSMISSION; 10.4 EXTERIOR TO INTERIOR NOISE TRANSMISSION; 11 - VIBRATION AND VIBRATION ISOLATION; 11.1 SIMPLE HARMONIC MOTION; 11.2 SINGLE DEGREE OF FREEDOM SYSTEMS
11.3 VIBRATION ISOLATORS 11.4 SUPPORT OF VIBRATING EQUIPMENT; 11.5 TWO DEGREE OF FREEDOM SYSTEMS; 11.6 FLOOR VIBRATIONS; 12 - NOISE TRANSMISSION IN FLOOR SYSTEMS; 12.1 TYPES OF NOISE TRANSMISSION; 12.2 AIRBORNE NOISE TRANSMISSION; 12.3 FOOTFALL NOISE; 12.4 STRUCTURAL DEFLECTION; 12.5 FLOOR SQUEAK; 13 - NOISE IN MECHANICAL SYSTEMS; 13.1 MECHANICAL SYSTEMS; 13.2 NOISE GENERATED BY HVAC EQUIPMENT; 13.3 NOISE GENERATION IN FANS; 13.4 NOISE GENERATION IN DUCTS; 13.5 NOISE FROM OTHER MECHANICAL EQUIPMENT; 14 - SOUND ATTENUATION IN DUCTS; 14.1 SOUND PROPAGATION THROUGH DUCTS
14.2 SOUND PROPAGATION THROUGH PLENUMS

Sommario/riassunto

Architectural Acoustics, Second Edition presents a thorough technical overview of the discipline, from basic concepts to specific design advice. Beginning with a brief history, it reviews the fundamentals of acoustics, human perception and reaction to sound, acoustic noise measurements, noise metrics, and environmental noise characterization. In-depth treatment is given to the theoretical principles and practical applications of wave acoustics, sound transmission, vibration and vibration isolation, and noise transmission in floors and mechanical systems. Chapters on specific design p
