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IL; 2.10.2 Transmission Loss, TL
 2.10.3 Level Difference, LD 2.10.4 Comparison of the Three
 Performance Parameters; 2.11 Lumped-Element Representations of a
 Tube; 2.12 Simple Area Discontinuities; 2.13 Gradual Area Changes;
 2.13.1 Conical Tube; 2.13.2 Exponential Tube; 2.13.3 Elliptical Tube;
 2.14 Extended-Tube Resonators; 2.15 Helmholtz Resonator; 2.16
 Concentric Hole-Cavity Resonator; 2.17 An Illustration of the Classical
 Method of Filter Evaluation; 2.18 The Transfer Matrix Method; 2.18.1
 Definition of Transfer Matrix; 2.18.2 Transfer Matrix of a Uniform Tube;
 2.18.3 A General Method for Derivation of Transfer Matrix
 2.18.4 Transfer Matrices of Lumped Elements 2.18.5 Transfer Matrices
 of Variable Area Tubes; 2.18.6 Overall Transfer Matrix of the System;
 2.18.7 Evaluation of TL in Terms of the Four-Pole Parameters; 2.19 TL
 of a Simple Expansion Chamber Muffler; 2.20 An Algebraic Algorithm
 for Tubular Mufflers; 2.20.1 Development of the Algorithm; 2.20.2
 Formal Enunciation and Illustration of the Algorithm; 2.21 Synthesis
 Criteria for Low-Pass Acoustic Filters; References; 3. Flow-Acoustic
 Analysis of Cascaded-Element Mufflers; 3.1 The Exhaust Process; 3.2
 Finite Amplitude Wave Effects
 3.3 Mean Flow and Acoustic Energy Flux 3.4 Aeroacoustic State
 Variables; 3.5 Aeroacoustic Radiation; 3.6 Insertion Loss; 3.7 Transfer
 Matrices for Tubular Elements; 3.7.1 Uniform Tube; 3.7.2 Extended-
 Tube Elements; 3.7.3 Simple Area Discontinuities; 3.7.4 Physical
 Behavior of Area Discontinuities; 3.8 Perforated Elements with Two
 Interacting Ducts; 3.8.1 Concentric-Tube Resonator; 3.8.2 Cross-Flow
 Expansion Element; 3.8.3 Cross-Flow Contraction Element; 3.8.4 Some
 Remarks; 3.9 Acoustic Impedance of Perforates; 3.10 Matrizant
 Approach; 3.11 Perforated Elements with Three Interacting Ducts
 3.11.1 Three-Duct Cross-Flow Expansion Chamber Element

Sommario/riassunto

"Fully updated second edition of the premier reference book on muffler
 and lined duct acoustical performance Engine exhaust noise pollutes the
 street environment and ventilation fan noise enters dwellings along
 with fresh air. People have become conscious of their working
 environment. Governments of most countries have responded to
 popular demand with mandatory restrictions on sound emitted by
 automotive engines, and a thorough knowledge of acoustics of ducts
 and mufflers is needed for the design of efficient muffler
 configurations. This fully updated Second Edition of Acoustics of Ducts
 and Mufflers deals with propagation, reflection and
 dissipation/absorption of sound along ducts/pipes/tubes, area
 discontinuities, perforated elements and absorptive linings that
 constitute the present-day mufflers and silencers designed to control
 noise of exhaust and intake systems of automotive engines, diesel-
 generator sets, compressors and HVAC systems. It includes equations,
 figures, tables, references, and solved examples and unsolved
 exercises with answers, so it can be used as a text book as well as a
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 flow-acoustic analysis of multiply-connected perforated-element
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in the automotive industry, exhaust noise being a major component of automobile and traffic noise pollution Written by an expert with four decades' experience in teaching to graduate students, publishing extensively in reputed international journals, and consulting with industry for noise control as well as designing for quietness "--
