Architectural Acoustics Illustrated translates the quantitative and qualitative content of acoustics into the graphic language of architecture. This highly-visual guide includes over 350 illustrations that outline the physics of sound and the best design practices for limiting or mitigating noise in buildings by using the latest in materials and techniques. Each chapter includes a summary checklist of design guidelines to help prevent mistakes and oversights, and the Instructor's website offers video animations demonstrating acoustical concepts. Designed as a "first look" at the interaction of sound and space, the book explains the principles of architectural acoustics and their practical applications, providing a comprehensive guide for designing with acoustics in mind.

**Hallmark Features**

- The principles of architectural acoustics are explained to solve most design problems.
- Over 350 illustrations enable all readers to quickly grasp concepts.
- Summary checklists of design guidelines in each chapter to prevent design mistakes.
- Instructor web site with video animations demonstrating acoustical concepts, also included in enhanced e-book versions.
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