

## 2.12 31632 SMALL ROOM ACOUSTICS

1. Introduction
2. Room Modes
3. Modal Room Resonances
4. Comparison of Modal Potency
5. Modal Bandwidth
6. Criteria for Evaluating Room Modes
  - 6.5 Modes in Nonrectangular Rooms
  - 6.6 Summation of Modal Effect
  - 6.7 The Question of Reverberation
7. Room Shape
8. Reflection Manipulation
9. Comb Filters
10. Small Room Design Factors
11. The Control Room Controversy
12. Precision Listening Rooms
13. Rooms for Microphones
14. Rooms for Entertainment

### References Books:

1. L. L. Beranek, Acoustics, Second Edition, New York: McGraw-Hill, 1986.
2. O. J. Bonello, "A New Criterion for the Distribution of Normal Room Modes," Journal of the Audio Engineering Society, vol. 29, no. 9, pp. 597–606, September 1981.