

2.1 31621 FUNDAMENTALS OF AUDIO AND ACOUSTICS

1. Introduction
2. The Decibel
3. Loudness and Level
4. Frequency
5. Wavelength
6. Surface Shapes
7. Superposition
8. Ohm's Law
9. Human Hearing
10. Monitoring Audio Program Material
11. Sound Propagation
12. The Point Source
13. The Line Source

Reference Books:

1. D. Davis and C. Davis, Sound System Engineering, Boston: Focal Press, 1997.
2. Glen Ballou, Handbook for Sound Engineers, 2nd Edition, Boston: Focal Press, 1991.
3. F. Alton Everest, Master Handbook of Acoustics, 3rd Edition, TAB Books, 1998.
4. Leo Baranek, Acoustics, New York: McGraw-Hill, 1954.
5. Harry Olson, Acoustical Engineering, Professional Audio Journals, Inc., Philadelphia, PA