

The Science of Singing and Music

Suggested reading list

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The books listed will provide useful follow-up reading in the area of the science of singing and music. Finding texts that sit “mid-ground” between the art and science of singing is not easy and some texts will be harder to read than others depending on the author’s focus. *Texts are listed alphabetically.*

A) Texts on the science of singing

- Howard, D.M. (2008). Acoustics of the castrato voice, In: Moreschi and the voice of the castrato, Clapton, N., London: Haus Books, 227-258.
- Howard, D.M., and Murphy, D.T. (2008). Voice science acoustics and recording, San Diego: Plural Press.
- Nair, G. (1999). Voice tradition and technology, San Diego: Singular.
- Sundberg, J. (1987). The science of the singing voice, Illinois: Dekalb.
- Titze, I. (1994). Principles of voice production, Englewood: Prentice Hall.

B) “All-rounder” texts on musical acoustics

- Hall, D.E. (1980). Musical Acoustics - An Introduction, Wadsworth Publishing Co.
- Howard, D.M., and Angus, J.A.S. (2000). Acoustics and psychoacoustics, 2nd Ed., Oxford: Focal Press.
- Rossing, T.D. (1982). The Science of Sound, Addison-Wesley Publishing Co.
- Sundberg, J. (1989) The science of musical sounds, San Diego: Academic Press.

C) Texts on hearing music

- Deutsch, D. (1982). Ed. The psychology of music, Academic press.
- Green, D.M. (1976). An introduction to hearing, Erlbaum.
- Moore, B.C.J., (1989). Introduction to the psychology of hearing, Academic Press.
- Moore, B.C.J. (1986). Frequency selectivity in hearing, Academic press.
- Pickles, JO. (1988). Introduction to the physiology of hearing, Academic Press.
- Plomp, R. (1976). Aspects of tone sensation, Academic press.
- Roederer, J.G. (1975) Introduction to the physical and psychophysics of music, New York: Springer-Verlag.
- von Békésy, G. (1960) Experiments in hearing, McGraw-Hill Book Co.
- Seashore, C.E. (1967). The psychology of music, Dover publications.
- von Helmholtz, H. (1863) On the sensations of tone as a physiological basis for the theory of music, English translation, 1854, Dover publications.
- Yost, W.A., and Neilson, D.W. (1984). Fundamentals of hearing: An introduction, Holt Rinehart.

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