# Bibliography

# Aho, A., Kernighan, B. & Weinberger, P.

The AWK Programming Langauge.

Reading, Massachusetts: Addison-Wesley Publishing Co. 1988.

## Bregman, A. S.

Auditory Scene Analysis; The Perceptual Organization of Sound.

Cambridge, Mass.: M.I.T. Press, 1990.

# Brinkman, A.

Pascal Programming for Music Research.

Chicago: University of Chicago Press, 1990.

#### Butler, D.

"Describing the perception of tonality in music: A critique of the tonal hierarchy theory and a proposal for a theory of intervallic rivalry," *Music Perception*, Vol. 6, No. 3 (1989) pp. 219-242.

# Christ, W., Delone, R., Kliewer, V., Rowell, L. & Thomson, W.

Materials and Structure of Music.

Englewood Cliffs, N.J.: Prentice-Hall, 1966; third edition, 1980; in two volumes.

## Cole, H.

Sounds and Signs; Aspects of Musical Notation. London: Oxford University Press, 1974.

#### Cope, D.

New Music Notation. Dubuque, Iowa: Kendall/Hunt Publishing Co., 1976.

## Erickson, R.

"The DARMS project: A status report." Computers and the Humanities, Vol. 9 ((1975) pp. 91-298.

#### Dannenberg, R.

"Music representation issues, techniques, and systems." *Computer Music Journal*, Vol. 17, No. 3 (1993) pp. 20-30.

#### Forte, A.

The Structure of Atonal Music.

New Haven: Yale University Press, 1973.

#### Greenwood, D. D.

"Critical bandwidth and the frequency coordinates of the basilar membrane," *Journal of the Acoustical Society of America*, Vol. 33, No. 4 (1961) pp. 1344-1356.

## Hall P. & Dowling, G.

"Approximate string matching," ACM Computing Surveys, Vol. 12 (1980) pp. 381-402.

# Hewlett, W. B. & Selfridge-Field, E. (editors)

Directory of Computer Assisted Research in Musicology 1988.

Menlo Park: Center for Computer Assisted Research in the Humanities, 1988.

# Hewlett, W. B. & Selfridge-Field, E. (editors)

Computing in Musicology; A Directory of Research;

Menlo Park: Center for Computer Assisted Research in the Humanities, 1989.

# Hewlett, W. B. & Selfridge-Field, E. (editors)

Computing in Musicology; A Directory of Research;

Volume 6. Menlo Park: Center for Computer Assisted Research in the Humanities, 1990.

# Hewlett, W. B. & Selfridge-Field, E. (editors)

Computing in Musicology; A Directory of Research;

Volume 7. Menlo Park: Center for Computer Assisted Research in the Humanities, 1991.

## Hewlett, W. B. & Selfridge-Field, E. (editors)

Computing in Musicology; An International Directory of Applications;

Volume 8. Menlo Park: Center for Computer Assisted Research in the Humanities, 1992.

## Horwood, F. J.

The Basis of Harmony.

Toronto: Gordon V. Thompson Ltd, 1948.

# Huron, D.

"Error categories, detection, and reduction in a musical database," Computers and the Humanities, Vol. 22, No. 2 (1988) pp. 253-264.

# Huron, D.

"Voice denumerability in polyphonic music of homogeneous timbres," *Music Perception*, Vol. 6, No. 4 (1989) pp. 361-382.

#### Huron, D.

"Characterizing musical textures," *Proceedings of the 1989 International Computer Music Conference*, San Francisco: Computer Music Association, 1989; pp. 131-134.

# Huron, D.

"The avoidance of part-crossing in polyphonic music: Perceptual evidence and musical practice," *Music Perception*, Vol. 9, No. 1 (1991) pp. 93-104.

#### Huron, D.

"Harmony: A Psychoacoustical Approach [review of]," *Psychology of Music*, Vol. 19, No. 2 (1991) pp. 173-177.

#### Huron, D.

"Tonal consonance versus tonal fusion in polyphonic sonorities," *Music Perception*, Vol. 9, No. 2 (1991) pp. 135-154.

## Huron, D.

"Design principles in computer-based music representation," in: A. Marsden & A. Pople (editors), Computer Representations and Models in Music. London: Academic Press, 1992; pp. 5-59.

## Huron, D. & Fantini, D.

"The avoidance of inner-voice entries: Perceptual evidence and musical practice," *Music Perception*, Vol. 7, No. 1 (1989) pp. 43-47.

## Huron, D. & Parncutt, R.

"An improved model of tonality incorporating pitch salience and echoic memory," *Psychomusicology*, in press.

#### Johnson-Laird, P.

"Rhythm and meter: A theory at the computational level," *Psychomusicology*, Vol. 10 (1991) pp. 88-106.

## Kameoka, A. & Kuriyagawa, M.

"Consonance theory, part I: Consonance of dyads," *Journal of the Acoustical Society of America*, Vol. 45, No. 6 (1969a) pp. 1451-1459.

## Kameoka, A. & Kuriyagawa, M.

"Consonance theory, part II: Consonance of complex tones and its calculation method," *Journal of the Acoustical Society of America*, Vol. 45, No. 6 (1969b) pp. 1460-1469.

#### Kochan, S. & Wood, P.

UNIX Shell Programming.

Hasbrouck Heights, New Jersey: Hayden Book Co. 1985.

## Krumhansl, C.

Cognitive Foundations of Musical Pitch. Oxford: Oxford University Press, 1990.

# Krumhansl, C. & Kessler, E. J.

"Tracing the dynamic changes in perceived tonal organization in a spatial representation of musical keys," *Psychological Review*, Vol. 89 (1982) pp. 334-368.

#### Kurkela, K.

Note and Tone; A semantic analysis of conventional music notation. Helsinki: Suomen Musiikkitieteellinen Seura (Musicological Society of Finland), 1986.

# Longuet-Higgins, H. C., & Lee, C. S.

"The perception of musical rhythms," Perception, Vol. 11 (1982) pp. 115-128.

## Miller, G. A. & Heise, G. A.

"The trill threshold," *Journal of the Acoustical Society of America*, Vol. 22, No. 5 (1950) pp. 637-638.

## Moles, A.

Information Theory and Esthetic Perception.

Urbana: University of Illinois Press, 1968.

#### Moore, B. & Glasberg, B.

"Suggested formulae for calculating auditory-filter bandwidths and excitations patterns," *Journal of the Acoustical Society of America*, Vol. 74, No. 3 (1983) pp. 750-753.

## Mortice Kern Systems Inc.

The MKS Toolkit.

Mortice Kern Systems Inc., 35 King Street North, Waterloo, Ontario, Canada N2J 2W9.

#### Nettheim, N.

"On the accuracy of musical data, with examples from Gregorian Chant and German folksong." Computers and the Humanities, Vol. 27, (1993) pp. 111-120.

## Newcomb, S.

"Standard music description language complies with hypermedia standard." *IEEE Computer*, Vol. 24, No. 7 (1991) pp. 76-79.

# Newcomb, S., Kipp, N. & Newcomb, V.

"The HyTime hypermedia time-based document structuring language." Communications of the ACM, Vol. 34, No. 11 (1991) pp. 67-83.

#### van Noorden, L.

Temporal Coherence in the Perception of Tone Sequences.

Eindhoven: Druk vam Voorschoten, 1975.

## Opolko, F., & Wapnick, J.

McGill University Master Samples. Montreal: McGill University, 1987, 1989.

# Orpen, K. & Huron, D.

"Measurement of similarity in music: A quantitative approach for non-parametric representations," Computers in Music Research, Vol. 4 (1992) pp. 1-44.

# Ottman, R. W.

Elementary Harmony; Theory and Practice.

Englewood Cliffs, N.J.: Prentice Hall, 1961; fourth edition, 1989.

#### Overill, R. E.

"On the combinatorial complexity of fuzzy pattern matching in music analysis," *Computers and the Humanities*, Vol. 27 (1993) pp. 105-110.

## Parncutt, R.

Harmony: A Psychoacoustical Approach.

Berlin: Spinger-Verlag, 1989.

#### Parncutt, R.

"Review of Terhardt's psychoacoustical model of the root(s) of a musical chord," *Music Perception*, Vol. 6, No. 1 (1988) pp. 65-94.

# Plomp, R. & Levelt, W. J. M.

"Tonal consonance and critical bandwidth," *Journal of the Acoustical Society of America*, Vol. 37, (1965) pp. 548-560.

#### Prather, R. & Elliot, R.

"SML: A structured musical language," Computers and the Humanities, Vol. 22 (1988) pp. 137-151.

#### Rahn, J.

Basic Atonal Theory.

New York: Longman Inc., 1980.

## Rastall, R.

The Notation of Western Music. London: J. M. Dent & Sons Ltd., 1983.

## Riemenschneider, A.

371 Harmonized Chorales and 69 Chorale Melodies with Figured Bass by Johann Sebastian Bach.

New York: G. Schirmer, 1941.

#### Sandell, G.

Concurrent timbres in orchestration: A perceptual study of factors determing "blend." PhD dissertation, Northwestern University, Evanston, Illinois, 1991.

## Simpson, J. & Huron, D.

"The perception of rhythmic similarity: A test of a modified version of Johnson-Laird's theory," Canadian Acoustics, Vol. 21, No. 3 (1993) pp. 89-90.

#### Stone, K.

Music Notation in the Twentieth Century; A Practical Guidebook. New York: W. W. Norton & Co., 1980.

## Straus, J. N.

Introduction to Post-Tonal Theory. Englewood Clifs, N.J.: Prentice Hall, 1990.

#### Terhardt, E.

"Calculating virtual pitch," *Hearing Research*, Vol. 1 (1979) pp. 155-182.

# Terhardt, E., Stoll, G. & Seewann, M.

"Algorithm for extraction of pitch and pitch salience from complex tonal signals," *Journal of the Acoustical Society of America*, Vol. 71 (1982) pp. 679-688.

#### Terhardt, E., Stoll, G. & Seewann, M.

"Pitch of complex signals according to virtual-pitch theory: test, examples, and predictions," *Journal of the Acoustical Society of America*, Vol. 71 (1982) pp. 671-678.

## Thomas, R. & Yates, J.

A User Guide to the UNIX System.

Berkeley, California: Osborne/McGraw-Hill 1982.

#### Thomassen, J.

"Melodic accent: Experiments and a tentative model," *Journal of the Acoustical Society of America*, Vol. 71, No. 6 (1982) pp. 1598-1605; see also, Erratum, *Journal of the Acoustical Society of America*, Vol. 73, No. 1 (1983) p. 373.

#### Vos, J. & van Vianen, B.

"The effect of fundamental frequency on the discriminability between pure and tempered fifths and major thirds," *Perception & Psychophysics*, Vol. 37 (1985) p.509.

# Wiggens, G., Miranda, E., Smaill, A. & Harris, M.

"A framework for the evaluation of music representation systems," *Computer Music Journal*, Vol. 17, No. 3 (1993) pp. 31-42.

## Wong, A. K. C., & Ghahraman, D.

"A statistical analysis of interdependence in character sequences," *Information Sciences*, Vol. 8 (1975) pp. 173-188.