

- \* 1. Aikin, Jim. "Easley Blackwood. Discovering the Microtonal Resources of the Synthesizer", Keyboard viii:5 (May 1982), 26-38.
- \* 2. Aikin, Jim, and Joel Rothstein. "Terry Riley", Keyboard viii:4 (Apr 1982), 11-17.
3. Balzano, Gerald J. "The Group-Theoretic Description of 12-Fold and Microtonal Music Systems", Computer Music Journal iv:4 (Winter 1980), 66-84.
4. Barbour, J. Murray. Tuning and Temperament. A Historical Survey. Reprint of the first edition, 1951. New York, Da Capo, 1972.
5. Bartolozzi, Bruno. New Sounds for Woodwind. Translated and edited by R. Smith Brindle. London, Oxford University Press, 1967.
6. Benade, Arthur. Fundamentals of Musical Acoustics. New York, Oxford U. Press, 1976.
7. Boatwright, Howard. "Ives' Quarter-tone Impressions", PNM iii:2 (Spring/Summer 1965), 22-31.
8. Boomsliter, Paul, and Warren Creel. "The Long Pattern Hypothesis in Harmony and Hearing", JMT v:1 (April 1961), p.2-31.
9. -----. "Extended Reference: An Unrecognized Dynamic in Melody", JMT vii:1 (Spring 1963), 2-23.
10. Bosanquet, R.H.M. An Elementary Treatise on Musical Intervals and Temperament. London, Macmillan, 1876.
- + 11. Chalmers, John H., Jr. "Construction and Harmonization of Microtonal Scales in Non-12-tone Equal Temperaments", Proceedings of the International Computer Music Conference, 1982.
12. -----. "Cyclic Scales", XEN ii:2 (Fall 1975).
13. -----. "Some New Linear Temperaments", XEN i:2 (Fall 1974).
- + 14. -----, and Ervin M. Wilson. "Combination Product Sets and Other Harmonic and Melodic Structures", Proceedings of the International Computer Music Conference, Denton, Texas, 1981 (publ. 1982).
15. Colvig, William. "An American Gamelan", XEN ii:1 (Spring 1975).
16. Darreg, Ivor. "Comparison of 31-tone Equal Temperament with Meantone" [graphic chart], INT i:3 (Winter 1979).

17. Darreg, Ivor. "Non-12-tone Guitar", Guitar Player xii:2 (Feb. 1978), 24 ff.
18. ----- . "Notation for Non-twelve", INT ii:2-3(Spring/Summer 1980), 8-11,  
ii:4 (Fall 1980), 7-9.
19. -----, editor and author. Xenharmonic Bulletin. Glendale, California, The  
Author, 1966- .
20. Dempster, Stuart. The Modern Trombone. Berkeley, Univ. of California Press,  
1979.
21. Ellis, Alexander. Additions to: On the Sensations of Tone, by Hermann von  
Helmholtz, 2nd English edition, 1877. Reprint, New York, Dover, 1954.
22. Ellis, Don. Quarter Tones: A Text with Musical Examples, Exercises and Etudes.  
Plainview, N.Y., Harold Branch Publications, 1975.
- 22.1. Erickson, Robert. Sound Structure in Music. Berkeley, University of California  
Press, 1975.
23. Fickenscher, Arthur. "The 'Polytone' and the Potentialities of a Purer Into-  
nation", MQ xxvii:3 (July 1941), 356-370.
24. Fokker, Adriaan D. New Music with 31 Notes. Transl. by Leigh Gerdine. Bonn-  
Bad Godesberg, Verlag für Systematische Musikwissenschaft, 1975.
25. Gamer, Carlton. "Deep Scales and Difference Sets in Equal-tempered Systems",  
MMA 113-122.
26. ----- . "Some Combinatorial Resources of Equal-tempered Systems", JMT xi:1  
(Spring 1967), 32-59.
27. Goldsmith, David S. "An Electronically Generated Complex Microtonal System  
of Horizontal and Vertical Tonality", Audio Engineering Society Journal  
xix:10 (Nov. 1971), 851-858.
28. Hall, Donald E. Musical Acoustics. Belmont, California, Wadsworth, 1980.
29. ----- . "A Systematic Evaluation of Equal Temperaments through N=612", 1982.  
Publ. pending.
30. Harrison, Lou. Lou Harrison's Music Primer. New York, C.F. Peters, 1971.
31. Hiller, Lejaren. "Electronic Synthesis of Microtonal Music", MMA 99-106.

32. Howell, Thomas. The Avant-garde Flute. Berkeley, U.C. Press, 1974.
33. Ives, Charles E. Memos. Edited by J. Kirkpatrick. New York, Norton, 1972.
34. ----- . "Some Quarter-tone Impressions", Pro Musica Quarterly, March, 1925.  
Reprinted in Essays before a Sonata, edited by H. Boatwright, New York, 1961.
35. Johnson, William A., et al. "History of Electronic Music. Part One. ...A Hymn to the Life and Times of Thaddeus Cahill...", Synthesis i:2 (1971).
36. Johnston, Ben. "Proportionality and Expanded Pitch Resources", PNM v:1 <sup>(Fall/Winter</sup> 1966), 112-120.
37. ----- . "Three Attacks on a Problem", MMA 89-98.
38. ----- , and Edward Kobrin. "Phase 1a", Source 7, iv:1 (Jan. 1970), 27-45.
39. Jorgensen, Owen. Tuning the Historical Temperaments by Ear. Marquette, Northern Michigan Univ. Press, 1977.
40. Jurgrau, Robert, Johnny Reinhard and Tui St. George Tucker, editors. "Microtonal Music", Ear Magazine East vii:5 (Nov/Dec 1982, Jan 1983).
41. Klotman, Robert. "Teaching Intonation", The Instrumentalist xxxv:9 (April 1981), 46-50.
42. Kraehenbuehl, David, and Christopher Schmidt. "On the Development of Musical Systems", JMT vi:1 (Spring 1962), 32-65.
43. Krenek, Ernst. "Extents and Limits of Serial Techniques", MQ xliv:2 (April 1960), 210-232.
44. Leedy, Douglas. "New Music for an Old Temperament?" INT iv:1 (Winter 1982-83), 16-19.
45. Leuba, Christopher. A Study of Musical Intonation. 2nd revised ed. [Seattle ?,] Prospect Publications, 1980.
46. Levarie, Siegmund, and Ernst Levy. Tone. A Study in Musical Acoustics. 2nd ed. Kent, Ohio, Kent State Univ. Press, 1980.
47. Makeig, Scott. "The Affect of Musical Intervals", INT ii:1 (Fall 1979), 18-26; ii:2-3 (Spring/Summer 1980), 12-16; ii:4 (Fall 1980), 11-14; iii:1 (Spring 1981), 21-23; iii:2 (Summer 1981), 11-18.

48. Mandelbaum, M. Joel. "The Isolation of the Microtonal Composer", MMA 107-112.
49. ----- . Multiple Division of the Octave and the Tonal Resources of 19-tone Temperament. Ph.D. diss., Indiana University, 1961.
50. ----- . "Toward the Expansion of our Concepts of Intonation", PNM xiii:1 (Fall/Winter 1974), 216-226.
51. Meyer, Max F. The Musician's Arithmetic. Boston, Oliver Ditson Co., 1929.
52. Owen, Barbara. The Organ in New England ... Raleigh, Sunbury, 1979.
53. Partch, Harry. Genesis of a Music. 2nd ed. New York, Da Capo, 1974.
54. Pierce, <sup>Edwin</sup> A. H. "A Colossal Experiment in 'Just Intonation'", MQ x:3<sup>July</sup>(1924), 326-332.
55. Pikler, Andrew G. "History of Experiments on the Musical Interval Sense", JMT x:1 (Spring 1966), 54-95.
56. Poole, Henry Ward. "On Perfect Musical Intonation ...", The American Journal of Arts and Sciences, Second Series, ix (May 1850), 68-83, 199-216.
57. ----- . "On Perfect Harmony in Music ...", op. cit. xlv (July 1867), 1-22.
58. ----- . "On the Musical Ratios, and Our Pleasure in Harmonious Sounds", op. cit. xlv (May 1868), 289-297.
59. Rasch, Rudolf A. "Description of Regular Twelve-tone Musical Tunings", JASA lxxiii:3 (1983), 1023-1035.
60. Rayner, Clare G. "Historically Justified Keyboard Variations on Equal Tempered Tuning", GSJ xxviii (April 1975), 121-129.
61. ----- . "The Wesley Kuhnle Repository at California State University, Long Beach", MLA Notes xxxiii:1 (Sept. 1976), 16-26.
62. Regener, Eric. "The Number Seven in the Theory of Intonation", JMT xix:1 (Spring 1975), 140-153.
63. ----- . Pitch Notation and Equal Temperament: a Formal Study. Berkeley, Univ. of California Press, 1974.
64. Rothenberg, David. "A Model for Pattern Perception with Musical Applications. Part I: Pitch Structures as Order-preserving Maps", Mathematics Systems Theory xi:3 (1978), 199-234; "Part II: The Information Content of Pitch

- Structure", op. cit. xi:4 (1978), 353-372; "Part III: The Graph Embedding of Pitch Structures", op. cit. xii:1 (1978), 73-101.
65. Rudhyar, Dane. The Magic of Tone and the Art of Music. Boulder, Shambhala, 1982.
66. Schafer, Tillman, and W.A. Piehl. "Musical Instruments in Nineteen-tone Equal Temperament", JASA xix:4 <sup>July</sup> (1947), 730.
67. Secor, George. "New Scales", INT i:1 (Spring 1978), 4-6.
68. Shackford, Charles. "Some Aspects of Perception: [Part I:] Sizes of Harmonic Intervals in Performance", JMT v:2 (Nov. 1961), 162-202; "[Part II:] Interval Sizes and Tonal Dynamics in Performance", op. cit. vi:1 (Spring 1962), 67-90; "[Part III:] Addenda", op. cit. vi:2 (Winter 1962), 295-303.
69. Shinn, Randall. "Ben Johnston's Fourth String Quartet", PNM xv:2 (Spring/Summer 1977), 145-173.
70. Slonimsky, Nicolas. "Microtonality", Music Since 1900, 4th ed. <sup>N.Y., Scribner's,</sup> 1971. p.1465-67.
71. Stevens, Stanley S., and Hallowell Davis. Hearing. Its Psychology and Physiology. New York, Wiley and Sons, 1938.
72. Stoney, W. "Theoretical Possibilities for Equally Tempered Musical Systems", The Computer and Music, ed. by Harry B. Lincoln. Ithaca, Cornell University Press, 1970.
73. Sundberg, J.E.F., and J. Lindqvist. "Musical Octaves and Pitch", JASA liv:4 <sup>(Oct. 1973)</sup>, 922-929.
- \* 74. Terry, Ken. "La Monte Young", Keyboard vi:8 (August 1980), 12-18.
75. Tipple, Esther. A Graphic Introduction to the Mercator Musical Cycle ... [Cambridge, Mass., copyright] 1946.
76. ———, and Royal Merrill Frye. A Graphic Introduction to the Harmon ... Boston, The Authors, 1942.
77. Tucker, Tui St. George. "Composing with Quartertones for Recorder", Ear Magazine East vi:3 (April-May 1981), 6-7.
78. ———. "Alto Recorder Fingering Chart Showing Quarter Tones", publ. with "Sonata and Romanza for Solo Recorder" by Tui St. George Tucker. New York, Anfor Editions, 1970.

79. Van Hoerner, Sebastian. "The Definition of Major Scales for Chromatic Scales of 12, 19 and 31 Divisions per Octave", Psychology of Music iv:1 (1976), 12-23.
80. Wager-Schneider (Schneider), John. "The Microtonal Guitar", Guitar & Lute xvi (Jan. 1981), 42-45; xvii (April 1981), 32-34; xix (Oct. 1981), 28-31; [author's name changes at this point to "John Schneider"] xx (Jan. 1982) 20-22; xxi (March 1982), 33-34.
81. Wilson, Ervin M. "The Bosanquetian 7-Rank Keyboard after Poole and Brown", XEN i:1 (Spring 1974).
82. ----- . "A Classification of Tonal Systems, and a Proposed Standardization of Signatures", XEN i:2 (Fall 1974).
83. ----- . "On Linear Notations and the Bosanquet Keyboard", XEN ii:1 (Spring 1975).
84. ----- . "On the Development of Intonational Systems by Extended Linear Mapping", XEN ii:1 (Spring 1975).
85. ----- . Some Basic Patterns Underlying Genus 12 & 17. Los Angeles, The Author, 1980.
86. Yasser, Joseph. A Theory of Evolving Tonality. New York, American Library of Musicology, 1932.
87. Yates, Peter. "Microtones", MMA 79-88.

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TUNING AND TEMPERAMENT

BIBLIOGRAPHY

List of Abbreviations

NEW GROVE abbreviations have been used where applicable. Others in this list are:

INT Interval. Exploring the Sonic Spectrum. Edited by Jonathan Glasier.  
San Diego, 1978- .

JASA Acoustical Society of America Journal. Lancaster, Pa., etc. 1929- .

MMA Microtonal Music in America. Transcript of the Symposium of the American Society of University Composers, Washington University, St. Louis, Mo., 2 April 1967, in Proceedings of the American Society of University Composers 2.

XEN Xenharmonikôn. An Informal Journal of Experimental Music. Edited by John H. Chalmers, Jr. Houston, 1973- . [Publication suspended? Issues do not have consecutive pagination within themselves.]

Note: Please disregard the index symbols in the left-hand margin on the following pages.