

BIO MUSIC -- BIOFEEDBACK: An Introduction

Psychology of Consciousness	Robert Ornstein	1972
Biological Rhythms	Gay Gaer Luce	1971
Senses of Animals and Men	Lorus & Margery Milne	1963
The Living Brain	W. Gray Walter	1953
Biofeedback	Karlins and Andrews	1973
Bio Music	Manfred Eaton	1973
Biofeedback & the Arts	David Rosenboom, ed.	1974
Biofeedback & Self-Control Reader	Aldine	1969
Biofeedback & Self-Control, 1970 Annual	Aldine	1970
Biofeedback & Self-Control, 1971 Annual	Aldine	1971
Feedback (bi-monthly journal)	The Biofeedback Institute PO Box 1803, Miami, Fla. 33143	

See: Bibliography accompanying this minimal list.

See: Acoustics and Psychoacoustics, Brief List (Electronic Music Books)

See: Literature from non-European cultures: use of sound in healing, trance states, unity with environment, rituals. (Tibetan, Indian, Chinese, African, American Indian, etc.)

See: Music Therapy Journals.

R.Anderson 1975

REFERENCES FOR FURTHER READING

- BIOFEEDBACK AND SELF CONTROL, Barber et al. (eds.) Aldine-Atherton, Chicago. Three volumes of collected scientific articles: READER; 1970 ANNUAL; 1971 ANNUAL. Hereafter BFSC.
- Anand, B. K., Chhina, G. S. and Singh, B. Some Aspects of Electroencephalographic Studies in Yogis. *Electroencephalography and Clinical Neurophysiology*: 1961, 13, 452-456. BFSC Reader.
- Brown, B. Recognition of aspects of consciousness through association with EEG alpha activity represented by a light signal. *PSYCHOPHYSIOLOGY*, 1969. BFSC 1970.
- Budzynski, T., Stoyva, J., and Adler, C. Feedback-induced Muscle Relaxation: Application to Tension Headache. BFSC 1970.
- Deikman, A. J. Bimodal Consciousness. BFSC 1971.
- DiCara, L. V. Learning in the autonomic nervous system. *SCIENTIFIC AMERICAN*, Jan. 1970, 31-39. BFSC 1970.
- Green, E.E., Green, A. H. and Walters, E. D. Voluntary Control of Internal States: Psychological and Physiological. BFSC 1970.
- Horaton, C. Relationship between EEG alpha activity and ESP card guessing performance. *Journal American Society for Psychical Research*, 63: 365-374, 1969.
- Kamiya, J. Conscious Control of Brain Waves. *PSYCHOLOGY TODAY* 1 (11): 56-60, 1968.
- Kasumatsu, A. and Hirai, T. An Electroencephalographic Study on the Zen Meditation (Zazen). *FOLIO PSYCHIATRICA NEUROLOGICA JAPONICA*, 20: 315-336, 1966. BFSC READER.
- Lucas, G. and Peper, E. Biofeedback--Mind Over Body, Mind Over Mind. *NEW YORK TIMES SUNDAY MAGAZINE* Sept. 12, 1971, 34 ff.
- Mental Health Program Reports--5, National Institute of Mental Health. U. S. Government Document No. 1724-0176. p. 291 ff. (articles by Luce and Gattozzi).
- Miller, N. E. Learning of visceral and glandular responses. *SCIENCE* 163: 474, 1969. BFSC READER.
- Mulholland, T. Feedback Electroencephalography. BFSC READER.
- Naranjo, C. and Ornstein, R. *On the Psychology of Meditation*. Viking. New York, 1971.
- Peper, E. Alpha EEG feedback as a means for pain control. Unpublished manuscript, Bedford, Mass. Veterans Administration Hospital, 1972.
- Peper, E. and Bass, M. C. Biofeedback In Psychiatry and Medicine. Unpublished manuscript, 1972.
- Schultz, J. and Luthe, W. *Autogenic Training: A Physiologic Approach in Psychotherapy*. New York. Grune and Stratton, 1959 (in six volumes).
- Sargent, J. D., Green E. E. and Walters, D. Preliminary Report on the Use of Autogenic Feedback Techniques in the Treatment of Migraine and Tension Headaches. Menninger Foundation. Oct., 1971.
- Shapiro, D., Turzky, B., Gerson, E. and Stern, H. Effects of feedback and reinforcement on the control of human systolic blood pressure. *SCIENCE* 163: 588-589, 1969. BFSC READER.
- Shapiro, D. and Schwartz, G. E. Biofeedback and Visceral Learning: Clinical Applications. *SEMINARS IN PSYCHIATRY* 4: 171, 1972.
- Sinsons, A. T. *Man's Presumptuous Brain*. E. P. Dutton. New York, 1962.
- Tart, C. (ed.) *Altered States of Consciousness*. New York: Wiley, 1969. Book of Readings.
- Wallace, R. Physiological effects of transcendental meditation. *SCIENCE* 167: 1751, 1970.
- White, J. (ed.) *The Highest State of Consciousness*. New York: Doubleday (Anchor Original), 1972.

A BIBLIOGRAPHY OF SOURCE MATERIALS ON BIOFEEDBACK AND THE ARTS

David Rosenboom
July, 1974

- Adrian, L.D. & Matthews, B.H.C.: The Berger Rhythm, Potential Changes from the Occipital Lobes in Man, BRAIN, No. 57, 1934. (Adrian reported listening to the Alpha rhythm recorded from himself and presented through a loud speaker. He then tried to correlate his subjective impressions of looking or not with the presence or absence of his Alpha rhythm.)
- Albino, R. & Burnard, G.: Conditioning the Alpha Rhythm in Man, JOURNAL OF EXPERIMENTAL PSYCHOLOGY, No. 67, 1964.
- Anand, B.K., Chhina, G.S. & Singh, B.: Some Aspects of Electroencephalographic Studies in Yogis, ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY, No. 13, 1961.
- Andersen, P. & Andersson, S.A.: Physiological Basis of the Alpha Rhythm, Appleton-Century-Crofts, New York, 1968.
- Aurobindo, Sri: The Synthesis of Yoga, Pondicherry, India, Sri Aurobindo International University Centre, 1957, Assoc. Booksellers, 2106 Post Road, Westport, Conn.
- Bagchi, B.K. & Wenger, M.A.: Electro-physiological Correlates of some Yogi Exercises, ELECTROENCEPH. CLIN. NEUROPHYSIOL., Suppl. No. 7, 1957.
- Baldwin, R.: Kinetic Art, On Producing Illusions by Photic Stimulation of Alpha Brain Waves with Flashing Lights, in Malina, F.J.(ed.): Kinetic Art: Theory and Practice, Dover Pub., New York, 1974.
- Barber, T., Biofeedback and Self Control/Reader (1971),
DiCara, L.V., 1970 Annual/Biofeedback & Self Control (1971) &
Kamiya, J., 1971 Annual/Biofeedback & Self Control (1972), Aldine-Atherton Inc.,
Miller, N.E., 529 South Wabash Ave., Chicago, Illinois 60605. (These are collections
Shapiro, D. & of some of the most important papers in the field. Some of the
Stoyva, J.(eds.): most substantial and responsible references on biofeedback research
are contained in these volumes.)
- Barratt, P.E.H. & Herd, J.M.: Subliminal Conditioning of the Alpha Rhythm, AUSTRALIAN JR. OF PSYCHOLOGY, Vol. 16, No. 1, 1964.
- Bartley, S.: The Relation Between Cortical Responses to Visual Stimulation and Changes in the Alpha Rhythm, JR. OF EXPERIMENTAL PSYCH., No. 27, 1940.
- Basmajian, J.V.: Control and Training of Individual Motor Units, SCIENCE, Vol.141, 1963.
- Basmajian, J.V.: Electromyography Comes of Age: SCIENCE, Vol. 176, 12 May 1972.
- Bates, J.A.V.: A Technique for Identifying Changes in Consciousness, EEG CLIN. NEUROPHYSIOL., No. 5, 1953.

- Bates, J.A.V. & Cooper, J.D.: A Simple Technique for Making the EEG Audible, EEG CLIN. NEUROPHYSIOL., No. 7, 1955.
- Beatty, J., Greenberg, A., Deibler, W.P. & O'Hanlon, J.F.: Operant Control of Occipital Theta Rhythm Affects Performance in a Radar Monitoring Task, SCIENCE, Vol. 181, No. 4097, 1973.
- Bechtereva, M., et. al.: Physiological Foundations of Mental Activity, INTERNATIONAL REVIEW OF NEURAL BIOLOGY, 1968.
- Becker, H.C., Mickle, W. & Heath, R.G.: A Variable-frequency, Variable Selectivity Filter for Electroencephalography, ELECTROENCEPH. CLIN. NEUROPHYSIOL., No. 10, 1958.
- Beevers, C.A. & Furth, R.: The Encephalophone, A New Method for Investigating Electroencephalographic Potentials, ELECTRONIC ENG., No. 15, 1943.
- Benson, F., Mulholland, T. & Peper, E.: Clinical Application of Feedback Electroencephalography, paper delivered to the Biofeedback Society, New Orleans, 1970.
- Berlyne, D.E.: Aesthetics and Psychobiology, Appleton-Century-Crofts, New York, 1971.
- Berlyne, D.E.: Affective Aspects of Aesthetic Communication, in Communication and Affect, Academic Press, Inc., New York, 1972.
- ✓ Berlyne, D.E.: Experimental Aesthetics, in Dodwell, P.C. (ed.): New Horizons in Psychology, Penguin, London, 1972.
- Berlyne, D.E.: Interrelations of Verbal and Nonverbal Measures Used in Experimental Aesthetics, manuscript, 1973.
- Begleiter, H., Porjesz, B., Yerre, C. & Kissin, B.: Evoked Potential Correlates of Expected Stimulus Intensity, SCIENCE, Vol. 179, No. 4075, 1973.
- Bozevnikov, V.A. & Soroko, V.E.: An Apparatus for Listening to the Electroencephalograph and Other Bio-currents, Encephalophone, ZHURNAL VYSSHEI DEJATEL NOSTI IMENI I.P. PAVLOVA, (Moskva), No. 6, 1956, (in Russian).
- Broadhurst, A. & Glass, A.: Relationship of Personality Measures to the Alpha Rhythm of the Electroencephalogram, BRITISH JOURNAL OF PSYCHIATRY, No. 115, Feb., 1969.
- Brown, B.B.: The Biofeedback Syllabus, C.C. Thomas, December, 1974, (tentative).
- Brown, B.B.: Feedback Systems for Awareness and Control of One's Own Physiological Activity, New Concepts for Pharmacology?, Proc. West Pharmacol. Soc., No. 12, 1969.
- Brown, B.B.: New Mind, New Body: Biofeedback: New Directions for the Mind, Harper & Row, New York, 1974.
- Brown, B.B.: The Alpha Syllabus, C.C. Thomas, June, 1974, (tentative).
- Brown, B.B.: Recognition of Aspects of Consciousness Through Association with EEG Alpha Activity Represented by a Light Signal, PSYCHOPHYSIOLOGY, Vol. 6, No. 4, 1970.
- Budzynski, T., Stoyva, J. & Adler, C.: Feedback-induced Muscle Relaxation, Application to Tension Headache, JOURNAL OF BEHAVIOR THERAPY AND EXPERIMENTAL PSYCHIATRY, Vol. 1, No. 3, September, 1970.
- Bundzen, P.U.: Autoregulation of Functional State of the Brain, An Investigation

- Using Photostimulation with Feedback, FEDERAL PROCEEDINGS TRANSLATION SUPPL., No. 25, 1966, (orig. publ. in FIZIOLOGICHESKI:ZHURNAL USSR, No. 51, 1965).
- Carmona, A.: Trial and Error Learning of the Voltage of the Cortical EEG Activity, Yale University, Ph.D. dissertation, 1967, Dissertation Abstracts, No. 28, 1157B-1158B, 1967, order No. 67-10, 702 University Microfilms.
- Carrie, J.R.: The Modal Alpha Wave Length, EEG AND CLIN. NEUROPHYSIOL., No. 27, Feb., 1969.
- Castillo, H.T. & Sherwin, I.: Encephalophone, An Electronic Stethoscope for the Brain, Audio Engineering Society, Preprint No. 677 (E-3), 1969.
- Chapman, M, et. al.: The Effect of Eye Position on Alpha EEG Activity, PSYCHONOMIC BULLETIN, No. 22, 1967.
- Chapman, R.M., Shelburne, S.A. & Bragdon, H.P.: EEG Activity Influenced by Visual Input and Not by Eye Position, EEG AND CLIN. NEUROPHYSIOL., No. 28, Feb., 1970.
- Collier, B.L.: A Composition for Cranium and Computer, THE WASHINGTON POST, Monday, 7 December 1970.
- Collier, B.L.: Brain Power, The Case for Biofeedback Training, SATURDAY REVIEW, 10 April 1971.
- Callaway, E. & Harris, P.R.: Coupling Between Cortical Potentials from Different Areas, SCIENCE, Vol. 183, No. 4127, 1974.
- Conrad, M. & Pacella, B.S.: A Simplified Encephalophone, SCIENCE, Vol. 126, 1957.
- Coons, E.E.: Prolegomenon to an Informational Theory of Self, manuscript.
- Clynes, M. & Milsum, J.H. (eds.): Biomedical Engineering Systems, McGraw Hill Book Co., New York, 1972.
- Costa, L.E., et. al.: Relationship Between MMPI Variables and Percentages and Amplitude of EEG Alpha Activity, JOURNAL OF CONSULTING PSYCHOLOGY, No. 29, Feb., 1965.
- Crisswell, E.: Feedback and States of Consciousness: Meditation, presented to the Biofeedback Research Society, Panel 5, 1969.
- ✓ Davis, D.: Art and the Future, Praeger Pub., New York, 1973.
- Deikman, A.J.: Experimental Meditation, JOURNAL OF NERVOUS AND MENTAL DISEASES, Vol. 136, No. 4, 1963.
- Deikman, A.J.: Implications of Experimentally Induced Contemplative Meditation, JOURNAL OF NERVOUS AND MENTAL DISEASE, Vol. 142, 1966.
- Deutsch, D.: Mapping of Interactions in the Pitch Memory Store, SCIENCE, Vol. 175, No. 4025, 1972.
- Dewan, E.: Communication by the Voluntary Control of the Electroencephalogram, Proceedings of the Symposium on Biomedical Engineering, Marquette University, No. 1, 1966.
- Dewan, E.: Rhythms, SCIENCE AND TECHNOLOGY, January, 1969.

- dobelle, W.H., Mladejovsky, M.G. & Girvin, J.P.: Artificial Vision for the Blind: Electrical Stimulation of Visual Cortex Offers Hope for a Functional Prosthesis, SCIENCE, Vol. 183, No. 4123, 1974.
- Durup, G. & Fessard, A.: L'electrencephalogramme de l'homme, Observations psychophysilogiques relatives a l'action des stimuli visuels et auditifs, L'ANEE PSYCHOLOGIQUE, No. 36, 1935.
- Eaton, M.L.: Bio-Music, Orcus, Box 16022, Kansas City, Missouri, USA, 64112.
- Eberlin, P., et. al.: Alpha Blocking During Visual After-Images, EEG AND CLIN. NEUROPHYSIOL., Vol. 25, July, 1968.
- Fehmi, L.: Biofeedback of Electroencephalographic Parameters and Related States of Consciousness, presented to American Psychological Association, Washington, D.C., 1971.
- Fehmi, L. & Rosenboom, D.: Group Contingent Feedback of Electroencephalographic Parameters and Cooperative Behavior, presented to Association for Humanistic Psychology, Washington, D.C., 1971.
- Fehmi, L.: Feedback and States of Consciousness, Meditation, presented to the Biofeedback Research Society, Panel 5, 1969.
- Fenton, G.W., et. al.: Personality and the Alpha Rhythm, BRITISH JOURNAL OF PSYCHIATRY, Vol. 113, November, 1967.
- Ferguson, M.: The Brain Revolution, Taplinger Pub. Co., New York, 1973.
- Ford, J.M., Roth, W.T., Dirks, S.J. & Kopell, B.S.: Evoked Potential Correlates of Signal Recognition Between and Within Modalities, SCIENCE, Vol. 181, No. 4098, 1973.
- Fox, S.S. & Rudell, A.P.: Operant Controlled Neural Event: Formal and Systematic Approach to Electrical Coding of Behavior in Brain, SCIENCE, Vol. 162, Dec., 1968.
- Furth, R. & Beevers, C.A.: The Encephalophone, A New Method of Investigating Electroencephalographic Parameters, NATURE, Vol. 151, 1943.
- Fuhrer, M.J. & Baer, P.E.: Cognitive Processes in Differential GSR Conditioning: Effects of a Masking Task, AMERICAN JOURNAL OF PSYCHOLOGY, Vol. 82, No. 2, 1969.
- Gaarder, K.: Control of States of Consciousness: Attainment Through External Feedback Augmenting Control of Psychophysiological Variables, ARCHIVES OF GENERAL PSYCHIATRY, Vol. 25, No. 5, 1971.
- Gillies, J.: FEEDBACK, (a bi-monthly newsletter), Biofeedback Institute, Division of Physio-Feedback Systems, Inc., 41 West 71st St., New York, N.Y., 10023.
- Glanzer, M., Chapman, R.M., Clark, W.H. & Bragdon, H.R.: Changes in two EEG Rhythms During Mental Activity, JR. EXP. PSYCHOL., Vol. 68, 1964.
- Glass, A.: Mental Arithmetic and Blocking of the Occipital Alpha Rhythm, EEG AND CLIN. NEUROPHYSIOL., Vol. 16, No. 5., 1964.
- Golding, S. & Ratcheson, R.: Human Motor Cortex: Sensory Input Data from Single Neuron Recordings, SCIENCE, Vol. 175, No. 4029, 1972.

- Gilden, L.: Instrumental Control of EEG Alpha Activity With Sensory Feedback, manuscript, Queens College, New York.
- Grayson, J.: Psychic Communication and Neurological Referencing, An Outline of Developments in the Fine Arts, RE-SEARCH, No. 4, Centre for Gestalt Learning, Duncan, British Columbia, Canada, 1971.
- Grayson, J.: Sound Construction and Transfer: A Compendium of Sound Ideas, Aesthetic Research Centre of Canada, Vancouver, (in press).
- Grayson, J.: Sound/Sculpture, Aesthetic Research Centre of Canada and the Vancouver Art Gallery, Vancouver, (in press).
- Green, A.M., Green, R.E. & Walters, E.D.: Voluntary Control of Internal States: Psychological and Physiological, JOURNAL OF TRANSPERSONAL PSYCHOLOGY, No. 2, 1970.
- Green, A.: Feedback and States of Consciousness: Meditation, presented to Biofeedback Research Society, Panel 5, 1969.
- Green, E.E., Walters, E.D. & Green, A.M.: Feedback Technique for Deep Relaxation, PSYCHOPHYSIOL., No. 6, 1969.
- Green, E.E., Green, A.M. & Walters, E.D.: Self Regulation of Internal States - Progress of Cybernetics, Proceedings of the International Congress of Cybernetics, Gordon & Breach, London, 1970.
- Guttmann, G.: Analysis of Frequency Stability of the Alpha Rhythm Based on Information Theory, EEG AND CLIN. NEUROPHYSIOL., Vol. 24, April, 1968.
- Harrison, Baginsky, R.G.: Voluntary Control of Motor Unit Activity by Visual and Aural Feedback, EEG JOURNAL, No. 27, 1969.
- Hart, J.: Research Reports: EEG Feedback, presented to Biofeedback Research Society, Panel 3, 1969.
- Hart, J.: Autocontrol of EEG Alpha, presented to Seventh Annual Meeting of Society for Psychophysiological Research, San Diego, Calif., 1967.
- Headrick, M.W., Feather, B.W. & Wells, D.T.: Unidirectional and large Magnitude Heart Rate Changes with Augmented Sensory Feedback, PSYCHOPHYSIOLOGY, Vol. 8, No. 2, March, 1971.
- Henehan, D.: Music Draws Strains Direct from Brains, THE NEW YORK TIMES, Wednesday, 25 November 1970.
- Hernandez-Peon, R.: International Symposium of the Physiological Basis of Mental Activity, EEG AND CLIN. NEUROPHYSIOL., Vol. 14, 1962.
- Hillyard, S.A., Hink, R.F., Schwent, V.L. & Picton, T.W.: Electrical Signs of Selective Attention in the Human Brain, SCIENCE, Vol. 182, No. 4108, 1973.
- Hirai, T.: Electroencephalographic Study on the Zen Meditation (Zazen) - EEG Changes During the Concentrated Relaxation, PSYCHIATRIA ET NEUROLOGICAL JAPONICA, Vol. 62, 1960.
- Hirai, T, Izawa, S. & Koga, E.: EEG and Zen Buddhism, EEG Changes in the Course of Meditation, EEG AND CLIN. NEUROPHYSIOL. SUPP., Vol 18, 1959.

- Huber, J.: Psychotherapy and Meditation, Letchworth, Herfordshire, Great Britain, Garden City Press Ltd., 1965.
- Hofer, O: Uber die Abhangigkeit Elektrisch Induzierter, Subjectiver Muster (phosphene) vom Zeitlichen Verlauf der Anregenden Wechselstrome, ELEKTROMEDIZIN, Vol. 8, 1963.
- Humphrey, G.L. & Buchwald, J.S.: Response Decrements in the Cochlear Nucleus of Decerebrate Cats during Repeated Acoustic Stimulation, SCIENCE, Vol. 175, No. 4029, 1972.
- Hunter, R.: The Storming of the Mind, Inside the Consciousness Revolution, Doubleday & Co., Inc., New York, 1971.
- Heisenberg, W.: Physics and Philosophy, Harper Torchbooks, New York, 1958.
- Hughes, W.G. & Shean, G.D.: Personality and Ability to Control the Galvanic Skin Response, PSYCHOPHYSIOLOGY, Vol. 8, No. 2, 1971.
- Jasper, H. and Shagass, C.: Conditioning the Occipital Alpha Rhythm in Man, JOURNAL OF EXPERIMENTAL PSYCHOLOGY, Vol. 28, 1941.
- Jasper, H. and Shagass, C.: Conscious Time Judgements Related to Conditioned Time Intervals and Voluntary Control of the Alpha Rhythm, JOURNAL OF EXPERIMENTAL PSYCHOLOGY, Vol. 28, 1941.
- John, E.R.: Switchboard Versus Statistical Theories of Learning and Memory, SCIENCE, Vol. 177, No. 4052, 1972.
- Jung, R.: Correlation of Bioelectrical and Autonomic Phenomena with Alterations of Consciousness and Arousal in Man, in Delafresnaye, J.F. (ed.): Brain Mechanisms and Consciousness, Thoman, Springfield, Illinois, 1954.
- Kamiya, J.: A Fourth Dimension of Consciousness, EXPERIMENTAL MEDICINE AND SURGERY, Vol. 27, 1969.
- Kamiya, J.: Conscious Control of Brain Waves, PSYCHOLOGY TODAY, Vol. 1, No. 1, 1968.
- Kamiya, J.: Conditioned Discrimination of the EEG Alpha Rhythm in Humans, presented to Western Psychological Assoc., San Francisco, 1962.
- Kamiya, J.: Operant control of EEG Alpha Rhythm and Some of its Reported Effects on Consciousness, in Tart, C. (ed.): Altered States of Consciousness, John Wiley & Sons, Inc., New York, 1969.
- Kasamatsu, A. & Hirai, T.: An Electroencephalographic Study on Zen Meditation (Zazen), in Tart, C. (ed.): Altered States of Consciousness, John Wiley & Sons, Inc., New York, 1969.
- Kasamatsu, A., Okuma, T., Takenska, S., Koga, E., Ikeda, K. & Sugiyama, H.: The EEG of Zen and Yoga Practitioners, EEG AND CLIN. NEUROPHYSIOL. SUPP., No. 9, 1957.
- Kasamatsu, A. & Hirai, T.: Science of Zazen, PSYCHOLOGIA, Vol. 6, 1963.
- Kasamatsu, A., Hirai, T. & Ando, N.: EEG Responses to Click Stimulation in Zen Meditation, PROC. OF JAPANESE EEG SOCIETY, 1962.
- Kaufman, L.: Interaction of Evoked Responses and the EEG, proposal for research to the National Science Foundation, New York University, 1 July 1970.
- Karlins, M. & Andrews, L.M.: Biofeedback-Turning on the Power of Your Mind, Warner Paperback Library, New York, 1973.

Klinge, V.: Effects of Exteroceptive Feedback and Instructions on Control of Spontaneous Galvanic Skin Responses, *PSYCHOPHYSIOLOGY*, Vol. 9, No. 3, 1972.

Kreitman, N. & Shaw, J.C.: Experimental Enhancement of Alpha Activity, *EEG AND CLIN. NEUROPHYSIOL.*, Vol. 18, 1965.

Lathe, W.: Autogenic Training: Method, Research and Application in Medicine, in Tart, C. (ed.): Altered States of Consciousness, John Wiley & Sons, Inc., New York, 1969.

✓ Lawrence, J.: Alpha Waves, Avon Books, New York, 1972.

Lesevre, N., et. al.: Definition and Value of the Average Alpha Rhythm and its Topography, *EEG AND CLIN. NEUROPHYSIOL.*, Vol. 23, October, 1967.

Levin, W., Sernatinger, E., Jacobsen, M. & Kuntzman, R.: Cardiac Change as a Function of Attention to and Awareness of Continuous Verbal Text, *SCIENCE*, Vol. 176, No. 4041, 1972.

Liberson, W.T.: EEG and Intelligence, Proc. American Psychopath. Assn., No. 56, 1967.

Lifton, J.: Project for a Self-organizing Artwork, Institute for Research in Art and Technology, Ltd., 13A Prince of Wales Cres., London, England, NW1 8HA, 1972.

Lincoln, H.B.: Uses of the Computer in Music Composition and Research, in Advances In Computers, Academic Press, New York, 1972.

Lindsley, D.B. & Donchin, E. (eds.): Average Evoked Potentials, NASA, Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, 1969.

Lindsley, D.B.: Psychological Phenomena and the Electroencephalogram, *EEG AND CLIN. NEUROPHYSIOL.*, Vol. 4, 1952.

London, P., Hart, J. & Leibowitz, M.: EEG Alpha Rhythms and Susceptibility to Hypnosis, *NATURE*, Vol. 219, No. 5149, 1968.

Lubin, A., Johnson, L., Austin T.: Discrimination among States of Consciousness Using EEG Spectra, *PSYCHOPHYSIOLOGY*, Vol. 6, No. 2, 1969.

Longet-Higgins, H.C.: The Non-Local Storage and Associative Retrieval of Spatio-Temporal Patterns, in Leibovic, K.N. (ed.): Information Processing in the Nervous System, Springer-Verlag, New York, 1969.

Lowndes, J.: Sound/Sculpture, Vancouver Art Gallery, ARTS CANADA, August, 1973.

Lucier, A.: Music for Solo Performer, SOURCE, Composer Performer Edition, Sacramento, California, 1967.

Mandler, G., Mandler, J.M. & Uviller, E.T.: Autonomic Feedback, The Perception of Autonomic Activity, *JOURNAL OF ABNORMAL SOCIAL PSYCHOLOGY*, Vol. 56, No. 3, May, 1958.

Markey, C., Schoenfeld, R.L. & Hoeffler, P.A.: Frequency Analyzer for Bioelectric Potentials in the Sub-audio Range, *REV. SCI. INST.*, Vol. 20, 1949.

Matsumiya, Y., Tagliasco, V., Lombroso, C.T. & Goodglass, H.: Auditory Evoked Response: Meaningfulness of Stimuli and Interhemispheric Asymmetry, *SCIENCE*, Vol. 175, No. 4023, 1972.

- Miller, H.L.: Alpha Waves-Artifacts?, PSYCHOLOGICAL BULLETIN, Vol. 69, April, 1968.
- Miller, N.E.: Instrumental Learning of Heart Rate Changes in Curarized Rats: Shaping and Specificity to Discriminative Stimulus, JOURNAL OF COMPARATIVE PHYSIOLOGICAL PSYCHOLOGY, Vol. 63, 1967.
- Miller, N.E.: Learning of Visceral and Glandular Responses, SCIENCE, Vol. 163, 31 January 1969.
- Miller, N.E.: SCIENCE, Vol. 152, 1966, (describes modified brain waves in cats; cats rewarded for high-voltage, slow Alpha states were calm, staring out into space, sphinxlike; those conditioned to produce fast, low-voltage waves paced restlessly).
- Moore, C.: New Time, The Sound of Mind, THE VILLAGE VOICE, 24 December 1970.
- Morrell, L.K.: Some Characteristics of Stimulus Provoked Alpha Activity, EEG AND CLIN. NEUROPHYSIOL., Vol. 21, December, 1966.
- Mulholland, T.: Occurrence of the Electroencephalographic Alpha Rhythm with Eyes Open, NATURE (London), Vol. 206, May, 1965.
- Mulholland, T.: Automatic Control of Visual Displays by the Attention of the Human Viewer, presented to National Conference on Visual Literacy, 1969.
- Mulholland, T.: Feedback Electroencephalography, ACTIVE. NERV. SUB. (PRAHU), Vol. 10, No. 4, 1968.
- Mulholland, T.: Feedback Method: A New Look at Functional EEG, EEG AND CLIN. NEUROPHYSIOL., Vol. 27, September, 1969.
- Mulholland, T. & Runnals, S.: A Stimulus-brain Feedback System for Evaluation of Alertness, J. PSYCHOL., Vol. 54, 1962.
- Mulholland, T. & Runnals, S.: The Effect of Voluntarily Directed Attention on Successive Cortical Activation Responses., J. PSYCHOL., Vol. 55, 1963.
- Mundy-Castle, A.C.: The Encephalogram and Mental Activity, EEG AND CLIN. NEUROPHYSIOL., Vol. 9, 1957.
- Mundy-Castle, A.C.: Theta and Beta Rhythm in the Encephalograms of Normal Adults, EEG AND CLIN. NEUROPHYSIOL., Vol. 3, 1951.
- Nance, W.E. & Grove, J.: Contingent Negative Variation as an Indicator of Sexual Object Preference, SCIENCE, Vol. 177, No. 4050, 1972.
- Naranjo, C. & Ornstein, R.E.: On the Psychology of Meditation, Viking Press, New York, 1971.
- Nowlis, D.P. & Kamiya, J.: The Control of Electroencephalographic Alpha Rhythm Through Auditory Feedback and the Associated Mental Activity, PSYCHOPHYSIOL., Vol. 6, No. 4, January, 1970.
- O'Connell, D.N. & Orne, M.T.: Bioelectric Correlates of Hypnosis; an Experimental Reevaluation, PSYCHIAT. RES., Vol. 1, 1962.
- Okeima, T., Kogu, E., Ikeda, K. & Sugiyama, H.: The EEG of Yoga and Zen Practitioners, EEG AND CLIN. NEUROPHYSIOL., Vol. 9, 1957.

- Onda, A.: Autogenic Training and Zen, in Luthe, W. (ed.): Autogenic Training, Int. Ed. Grune & Stratton, New York, 1965.
- ✓ Ostrander, S. & Schroeder, L.: Psychic Discoveries Behind the Iron Curtain, Prentice-Hall, Englewood Cliffs, N.J., 1970.
- Paskewitz, D.A. & Orne, M.T.: Visual Effects on Alpha Feedback Training, *SCIENCE*, Vol. 181, No. 4097, 1973.
- Pasquali, E.: A Relay Controlled by an Alpha Rhythm, *PSYCHOPHYSIOLOGY*, Vol. 6, September, 1969.
- Pasquali, E.: Alpha Envelope Detection and Distortion, A Polyphase Rectifier Circuit, *EEG AND CLIN. NEUROPHYSIOL.*, Vol. 26, 1969.
- Paul, D.D. & Sutton, S.: Evoked Potential Correlates of Response Criterion in Auditory Signal Detection, *SCIENCE*, Vol. 177, No. 4046, 1972.
- Peper, E.: Comment on Feedback Training of Parietal-Occipital Alpha Asymmetry in Normal Human Subjects, manuscript, Perception Laboratory, Veterans' Administration Hospital, Bedford, Mass., 01730.
- Peper, E.: Feedback EEG: A Biological Precondition for Changes in Consciousness During Alpha Training, manuscript.
- Peper, E.: Feedback Regulation of the Alpha Electroencephalogram Activity Through Control of Internal and External Parameters, *KYBERNETIK*, No. 7, Springer-Verlag, 1970.
- Peper, E. & Mulholland, T.: Methodological and Theoretical Problems in the Voluntary Control of Electroencephalographic Occipital Alpha by the Subject, presented to Second Annual Conference of Brain Research, Snowmass-at-Aspen, Colorado, 1969.
- Powers, W.T.: Feedback: Beyond Behaviorism, *SCIENCE*, Vol. 179, 26 January 1973.
- Remond, A.: The Parietal Alpha Center, *EEG AND CLIN. NEUROPHYSIOL.*, Vol. 23, July, 1967.
- Rhodes, A.: Five Ways to Rediscover Your Body, *CHATELAINE*, Vol. 46, No. 11, Nov., 1973.
- Rosenberg, B.: Turning On - Electroencephalographically, *SK&F PSYCHIATRIC REPORTER*, Vol. 45, Fall, 1969.
- Rosenboom, D.: In Support of a Systems Theoretical Approach to Art Media, Proceedings of the Fifth Annual Conference, The American Society of University Composers, April, 1970, c/o American Music Center, 2109 Broadway, Suite 15-79, New York, N.Y., 10023, 1972.
- Rosenboom, D.: Method for Producing Sounds or Light Flashes with Alpha Brain Waves for Artistic Purposes, in Malina, F.J. (ed.): Kinetic Art: Theory and Practice, Dover Pub., New York, 1974.
- Rosenfeld, J.P. & Hetzler, B.E.: Operant-Controlled Evoked Responses: Discrimination of Conditioned and Normally Occurring Components, *SCIENCE*, Vol. 181, No. 4101, 1973.
- Rosenfeld, Rudell & Fox: Operant Control of Neural Events in Humans, *SCIENCE*, Vol. 163, 1969.
- Roth, B.: The Clinical and Theoretical Importance of EEG Rhythms Corresponding to
- Rosenblueth, A.: Mind and Brain, The MIT Press, Cambridge, Mass., 1970.

- States of Lowered Vigilance, EEG AND CLIN. NEUROPHYSIOL., Vol. 13, 1961.
- Saul, L.J., Davis, H. & Davis, P.A.: Psychological Correlations with the Electroencephalogram, PSYCHOSOMATIC MEDICINE, Vol. XI, No. 6, 1949.
- Sayer, K.E., et. al.: Effect of Anxiety Upon Alpha Responsiveness to Light Stimulation, PSYCHOLOGICAL REPRINTS, Vol. 19, December 1966.
- Scheich, G.: Interval Histograms and Periodic Diurnal Changes of Human Alpha Rhythms, EEG AND CLIN. NEUROPHYSIOL., Vol. 26, April 1969.
- Schmeck, H.M.Jr.: Brain Signals in Test Fortell Action, THE NEW YORK TIMES, 13 Feb. 1971.
- ✓ Schultz, J.H. & Luthe, W.: Autogenic Training: A Physiologic Approach in Psychotherapy, Grune & Stratton, New York, 1959.
- ✓ Schwartz, E.: Electronic Music, A Lestener's Guide, Praeger Pub., New York, 1973.
- Shagass, C. & Johnson, E.P.: The Course of Acquisition of a Conditioned Response of the Occipital Alpha Rhythm, JOURNAL OF EXPERIMENTAL PSYCHOLOGY, Vol. 33, 1943.
- Shinkman, P.G., Bruce, C.J. & Pflingst, B.E.: Operant Conditioning of Single-Unit Response Patterns in Visual Cortex, SCIENCE, Vol. 184, No. 4142, 1974.
- Siebert, W.M.: Frequency Discrimination in the Auditory System: Place or Periodicity Mechanisms?, Proceedings of the IEEE, Vol. 58, No. 5, 1970.
- Smith, H.M.Jr., Basmajian, J.V. & Vanderstoep, S.F.: Inhibition of Neighboring Motoneurons in Conscious Control of Single Spinal Motoneurons, SCIENCE, Vol. 183, No. 4128, 1974.
- Stevens, J.R., Lonsbury, B. & Goel, S.: Electroencephalographic Spectra and Reaction Time in Disorders of Higher Nervous Function, SCIENCE, Vol. 176, No. 4041, 1972.
- Simon, C.W. & Emons, W.H.: EEG, Consciousness and Sleep, SCIENCE, Vol. 124, 1956.
- Sisson, B.D. & Ellingston, R.J.: On the Relationship Between "Normal" EEG Patterns and Personality Variables, J. NERV. MENT. DIS., Vol. 121, 1955.
- Slater, K.: Alpha Rhythms and Mental Imagery, EEG AND CLIN. NEUROPHYSIOL., Vol. 12, 1960.
- Spilker, B., Kamiya, J., Callaway, E. & Yeager, C.L.: Visual Evoked Responses in Subjects Trained to Control Alpha Rhythms, PSYCHOPHYSIOLOGY, Vol. 5, No. 60, 1969.
- Stane, C.R.G. & Lovin, C.R.: The EEG Alpha Rhythm and ESP Performance, JOURNAL OF THE AMERICAN SOCIETY OF PSYCHICAL RESEARCH, Vol. 64, No. 4, 1970.
- Steman, M.B., Howes, R.C. & MacDonald, L.R.: Facilitation of Spindle-burst Sleep by Conditioning of Electroencephalographic Activity While Awake, SCIENCE, Vol. 167, No. 3921, 1970.
- Stern, Das, Anderson, Bidy & Supplis: Conditioned Alpha Desynchronization, SCIENCE, Vol. 134, 1961.
- Stewart, P.A., Balcher, W.T., Morris, J.W.: Auditory Analysis of the Electroencephalogram, Electroencephalophony, EEG AND CLIN. NEUROPHYSIOL., Vol. 4, 1950.
- Stoyva, J. (ed.): BIOFEEDBACK AND SELF REGULATION, a quarterly journal, Plenum Pub., 227 West 17th St., New York, N.Y., 10011.

- Tart, C.T. (ed.): Altered States of Consciousness, John Wiley & Sons, New York, 1969.
- Thorson, J. & Biederman-Thorson, M.: Distributed Relaxation Processes in Sensory Adaptation, *SCIENCE*, Vol. 183, No. 4121, 1974.
- Torres, K.A.: Alpha Blocking, Conditioning, Sensitization and Inter-Stimulus Interval, *PSYCHOLOGICAL REPRINTS*, Vol. 22, April, 1968.
- Travis, L.E. & Egan, J.P.: Conditioning of the Electrical Response of the Cortex, *JOURNAL OF EXPERIMENTAL PSYCHOLOGY*, Vol. 22, 1938.
- Ulett, J.A. & Itil, T.M.: Quantitative Electroencephalogram in Smoking and Smoking Deprivation, *SCIENCE*, Vol. 164, No. 3882, 1969.
- Uno, T.: The Effects of Awareness and Successive Inhibition on Interoceptive and Exteroceptive Conditioning of the Galvanic Skin Response, *PSYCHOPHYSIOLOGY*, Vol. 7, No. 1, July 1970.
- Vitz, P.C.: Experiments on Affective Reactions to "Music" Stimuli, manuscript, New York University, 1973.
- Vogel, W., Braverman, D.M. & Klaiber, E.L.: EEG and Mental Abilities, *EEG AND CLIN. NEUROPHYSIOL.*, Vol. 24, 1968.
- Waite, M.: Build an Alpha Brain Wave Feedback Monitor, *POPULAR ELECTRONICS*, Jan. 1973.
- Wallace, R.K.: Physiological Effects of Transcendental Meditation, *SCIENCE*, Vol. 167, No. 3926, 1970.
- Wallace, R.K. & Benson, H.: The Physiology of Meditation, *SCIENTIFIC AMERICAN*, Vol. 226, No. 2, 1972.
- Walters, C.: Clinical and Experimental Relationships of EEG to Psychomotor and Personality Measures, *J. CLIN. PSYCHOL.*, Vol. 20, 1964.
- Walter, R. & Yeager, C.: Visual Imagery and Electrographic Changes, *EEG AND CLIN. NEUROPHYSIOL.*, Vol. 8, 1956.
- Walter, W.G.: Intrinsic Rhythms of the Brain, in Field, J. (ed.): Handbook of Physiology, Sec. 1, Neurophysiology, Amer. Physiol. Society, Washington, D.C., Vol. 1, 1959.
- Walter, W.G.: The Living Brain, W.W. Norton & Co., New York, 1953.
- Whatmore, G.B. & Kohli, D.R.: Dysponesis: A Neurophysiologic Factor in Functional Disorders, *BEHAVIORAL SCIENCE*, Vol. 13, 1968.
- White, J. (ed.): Frontiers of Consciousness, The Meeting Ground Between Inner and Outer Reality, The Julian Press, Inc., New York, 1974.
- Williams, A.C.: Facilitation of the Alpha Rhythm of the EEG, *J. EXPER. PSYCHOL.*, Vol. 26, 1940.
- Wortz, E.: Feedback and States of Consciousness: Meditation, presented to Biofeedback Research Society, Panel 5, 1969.
- : Altered States of Awareness, (readings from *SCIENTIFIC AMERICAN*), Freeman Pub., San Francisco, Calif., 1972.
- : Mind Reading Computer, *TIME*, 1 July 1974.