This document is a bibliographic collection of references listed alphabetically by author, but not otherwise categorized. The final two pages list by title those documents where no individual author is credited. In addition to mathematical anxiety, attitudes, and sex differences in achievement and participation, a few documents deal with mathematical careers for women, aptitudes, abilities and differential treatment. (MP)
Selected References

on

Mathematical Anxiety, Attitudes, and

Sex Differences in Achievement and Participation

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Selected References on Mathematical Anxiety, Attitudes, and Sex Differences in Achievement and Participation


Austin-Martin, George; Waddell, Linda; and Kincaid, Marylou Butler. Correlates of Math Anxiety in Female College Freshmen. October 1980. ERIC: SE 033 192.


Bender, Ricki Sue. The Relative Efficacy of Single and Multi-component Treatment Approaches to Mathematics Anxiety as a Function of Mathematical Aptitude and Gender. (The Ohio State University, 1979.) Dissertation Abstracts International 40B: 1863; October 1979.


Flexer, Barbara K. and Wright, Robert J. Interrelationship of Age and Sex in Achievement in an Accelerated Eighth Grade Algebra Course. 1976. ERIC: ED 137 094.


Fox, Lynn H. and Brody, Linda E. Sex Differences in Attitudes and Course-Taking in Mathematics Among the Gifted: Implications for Counseling and Career Education. 1979. ERIC: ED 171 552.


Garai, J. E. and Scheinfeld, A. Sex Differences in Mental and Behavioral Traits. Genetic Psychology Monographs 77: 169-299; 1968.


Hollis, Roy E. and Woods, Elinor M. Sex Differences in Predictability of Academic Achievement from Internal-External Control. 1975. ERIC: ED 139 505.


Houston, Thomas Andrew. The Relationship of Attitude and Achievement Scores to Sex, Intelligence, and Grade Level of a Selected Group of Junior High School Pupils. (Wayne State University, 1968.) Dissertation Abstracts 29A: 3325; April 1969.


Lansdown, Richard. Retardation in Mathematics: A Consideration of Multi-
Factorial Determination. Journal of Child Psychology and Psychiatry

Lantz, Alma E. et al. Reentry Programs for Female Scientists. Final

Larney, Violet H. Female Mathematicians, Where Are You? American Math-

Lavroff, Waldtraut Seifert. The Sex Factor in the Choice of Academic Majors
as a Function of Mathematics Anxiety. (Georgia State University, 1980.)

Elementary Principal 53: 16-22; January-February 1974. ERIC:
EJ 091 232.

Lazarus, Mitchell. Rx for Mathaphobia. Education Digest 41: 7-10;
November 1975.

Leder, Gilah. Sex Differences in Mathematics: Problem Appeal as a Function

Leder, Gilah. Contextual Setting and Mathematical Performance. Australian

Leder, Gilah. Bright Girls, Mathematics, and Fear of Success. Educational

Leinhardt, Gaea; Seewald, Andrea Mar; and Engel, Mary. Learning What's
Taught: Sex Differences in Instruction. Journal of Educational Psychology

Lesher, Ronald E. A Study of Logical Thinking. Doylestown, Pennsylvania:
Bucks County Public Schools, April 1972. ERIC: ED 063 548.

Levine, M. Identification of Reasons Why Qualified Women Do Not Pursue

Leviton, H. The Implications of the Relationship Between Self-Concept and

Liff, Rita May. Programs to Combat Math Avoidance. In J. E. Jacobs (Ed.),
Perspectives on Women and Mathematics. Columbus, Ohio: ERIC Clearing-

Lindholm, Byron W.; Touliatos, John; and Rich, Amy. A Canonical Correlation
Analysis of Behavior Problems and School Achievement for Different
Grades, Sexes, and Races. Journal of Educational Research 70:
340-342; July/August 1977.


Merkel-Keller, Claudia. Sex Differences in Mathematics: An Investigation of Sex Differentiated Attitudes Toward Mathematics and Sex-Differentiated Achievement in Mathematics on the Ninth Grade Level in Eight Schools in New Jersey. April 1977. ERIC: ED 143 933.


Oliyaeae-Zand, Shahin. The Effects of Differential Feedback on Expected and Actual Mathematical Achievement of Male and Female College Freshmen. (The University of North Dakota, 1977.) Dissertation Abstracts International 38B: 5545; May 1978.


Parsons, Jacquelynne E. et al. The Effects of Teachers' Expectancies and Attributions on Students' Expectancies for Success in Mathematics. April 1979. ERIC: ED 180 787.


Sanford, Timothy R. The Effects of Sex, Race, Family Background, Major Field, and Ability on Post-College Activities Pursued by Bachelor's Level Graduates of the University of North Carolina at Chapel Hill. July 1977. ERIC: ED 153 573.


Sheehan, T. J. Patterns of Sex Differences in Learning Mathematical Problem Solving. Journal of Experimental Education. 36: 84-87; Summer 1968.

Sheridan, E. Marcia (Ed.) Analysis of Sex Stereotypes in Textbooks Used in South Bend, Indiana Schools. 1975. ERIC: ED 119 214.


Stanley, J. C. Accelerating the Educational Progress of Intellectually Gifted Youth. Educational Psychologist 10: 133-146; 1973.


Suydam, Marilyn N. Research on Some Key Non-Cognitive Variables in Mathematics Education. Schriftenreihe des Institut für Didaktik der Mathematik 4: 105-135; 1975.


Troutman, James G. The Effects of a Mathematics Clinic on Reducing Anxiety in Female Students: Societal Factors. 1978. ERIC: ED 156 538.


Math Anxiety: It Affects a Majority of Children and Adults, Particularly Females. Education Digest 43: 49+; December 1977.


