

# Contents

<b>Foreword</b>	vii
1. Women's Participation in Mathematics: Outlining the Problem <i>Susan F. Chipman and Veronica G. Thomas</i>	1
2. Project TALENT: Mathematics Course Participation in the 1960s and its Career Consequences <i>Lauress L. Wise</i>	25
3. A National Assessment of Participation and Achievement of Women in Mathematics <i>Jane M. Armstrong</i>	59
4. Self-Perceptions, Task Perceptions, Socializing Influences, and the Decision to Enroll in Mathematics <i>Jacquelynne Eccles (Parsons), Terry F. Adler, Robert Futterman, Susan B. Goff, Caroline M. Kaczala, Judith L. Meece, and Carol Midgley</i>	95

5.	Cognitive and Affective Determinants of Course Preferences and Plans <i>Lorelei R. Brush</i>	123
6.	Visual-Spatial Skill: Is it Important for Mathematics? Can it be Taught? <i>Jane M. Connor and Lisa A. Serbin</i>	151
7.	The Influence of Sex-Role Stereotyping on Women's Attitudes and Achievement in Mathematics <i>Sally L. Boswell</i>	175
8.	School, Classroom, and Home Influences on Women's Decisions to Enroll in Advanced Mathematics Courses <i>Jane Stallings</i>	199
9.	Factors Related to Young Women's Persistence and Achievement in Advanced Placement Mathematics <i>Patricia L. Casserly and Donald Rock</i>	225
10.	The Impact of Early Intervention Programs Upon Course-Taking and Attitudes in High School <i>Lynn H. Fox, Linda Brody, and Dianne Tobin</i>	249
11.	Understanding Mathematics Course Enrollment and Mathematics Achievement: A Synthesis of the Research <i>Susan F. Chipman and Donna M. Wilson</i>	275
12.	Strategies to Increase Mathematics Enrollments <i>Alma Lantz</i>	329
	<b>References</b>	355
	<b>Author Index</b>	369
	<b>Subject Index</b>	375