•

Introduction (H.G. STEINER)	1
I. Mathematics in Various Contexts	
H.B: GRIFFITHS Mathematics Education Among Other Contexts for Mathematics	8
W. KUYK Dynamic Variegations of Mathematical Development	43
H. MEHRTENS Social History of Mathematics: Scope, Problems, Examples	65
H.G. STEINER Relations Between Elementary and Advanced Mathematics	90
II. Various Aspects of Teacher Education	
THE MATHEMATICAL ASSOCIATION The Mathematics of Mathematics Teachers	116
D. WHEELÊR Mathematization as a Pedagogical Tool	147
Mary Grace KANTOWSKY Teaching for Problem Solving	159
H. WOSSING Teaching History of Mathematics in the German Democratic Republic	174
M. OTTE Introduction to the Discussion on "The Historical Context for Mathematics: What Role should it play in the Education of Mathematics Teachers?"	182
T.J. FLETCHER Is the Teacher of Mathematics a Mathematician or not?	185
Th.J. COONEY What does Educational Research say about Mathematics Teachers and their Education?	200

III. Problems and Models for Teacher Education	
Related to Various Countries and Regions	
U. D'AMBROSIO Problems and Models for the Situation in Latin America	226
S. TOURE Some Aspects of the Professional Education of Mathematics Teaching Staff in West Africa	235
J.A. MARASIGAN Problems and Models for the Situation in Southeast Asian Countries	246
Anna Zofia KRYGOWSKA Some Problems of Educating Mathematics Teachers in Poland according to the Conception of the Mathematics Center at the Krakow Teaching College	254
A. REVUZ Teacher Education as an Activity of the French Research Centres IREM	. 274
IV. The Symposium Program	280

V. Publication Series of the IDM