

C O N T E N T S

<i>Preface</i>	<i>Page</i>	<i>i</i>
<i>Committees and Supporting Organizations</i>		<i>ii</i>
TOKAMAKS		1
COLLISIONAL TRANSPORT		11
REACTOR ASPECTS		18
MHD THEORY		21
TOROIDAL EFFECTS		32
TOKAMAKS : NUMERICAL SIMULATION		36
PINCHES		41
DENSE PLASMAS		59
PLASMA STABILIZATION		71
STELLARATORS		77
MIRRORS		82
INTERNAL RINGS		92
ASTRON-LIKE AND OTHER TRAPS		96
HEATING IN TORI		105
RF-PLASMA INTERACTION		114
ELECTRON CYCLOTRON RESONANCE		122
NON LINEAR PHENOMENA		130
WAVES AND INSTABILITIES		140
TURBULENCE		146
BEAM-PLASMA INTERACTION		151
SHOCK WAVES		165
RESISTIVITY AND ION SOUND WAVES		170
<i>Author Index</i>		179