

CONTENTS

Title	Author	Page
PREFACE	G. Casini	1
Introduction into Fusion Plasma Physics	F. Engelmann	3
Features and Comparison of Magnetic and Inertial Confinement Reactors	B. Brunelli	21
Plasma Equilibrium in a Tokamak	F. Troyon	55
Stability of a Tokamak Discharge	F. Troyon	79
Transport and Scaling Laws in a Magnetized Plasma	A. Nocentini	101
Plasma Heating in Toroidal Magnetic Confinement Systems	R. Gravier	161
Plasma Wall Interaction in Tokamaks	J. Bohdanský	219
Divertor Problems	P. J. Harbour	255
Main Features of Cold Blanket Systems	B. Lehnert	307
Control of Burn-up Phase	A. Sestero	389
Turbulent Plasma Behaviour in Toroidal Systems	R. Gravier	407
Plasma Transport Calculations for Fusion Reactors	D. F. Duchs	445