

CONTENTS

Foreword Simon A. Levin	v
Some Mathematical Models in Immunology I George Bell	1
Some Mathematical Models in Immunology II Byron Goldstein	25
Current Theories of Pattern Formation Hans Othmer	57
Dynamic Models of the Mitotic Cycle: Evidence for a Limit Cycle Oscillator Stuart Kauffman	87
Some Problems of Fluid Mechanics in Biology Sol I. Rubinow	123
Theories of Axoplasmic Transport Garrett M. Odell	141