

## CONTENTS

DYNAMICAL MODELS FOR TWO-DIMENSIONAL INFRARED SPECTROSCOPY OF PEPTIDES <i>By Robin M. Hochstrasser</i>	1
ENERGY TRANSFER AND PHOTOSYNTHETIC LIGHT HARVESTING <i>By Gregory D. Scholes and Graham R. Fleming</i>	57
SECOND- AND FIRST-ORDER PHASE TRANSITIONS IN MOLECULAR NANOCCLUSERS <i>By A. Proykova, I. P. Daykov, and R. Stephen Berry</i>	131
A CALCULUS FOR RELATING THE DYNAMICS AND STRUCTURE OF COMPLEX BIOLOGICAL NETWORKS <i>By R. Edwards and L. Glass</i>	151
ANALYSIS AND CONTROL OF ULTRAFAST DYNAMICS IN CLUSTERS: THEORY AND EXPERIMENT <i>By Vlasta Bonačić-Koutecký, Roland Mitrić, Thorsten M. Bernhardt, Ludger Wöste, and Joshua Jortner</i>	179
ULTRACOLD LARGE FINITE SYSTEMS <i>By Joshua Jortner and Michael Rosenblit</i>	247
AUTHOR INDEX	345
SUBJECT INDEX	369