

Preface

The lectures collected in this volume were delivered at the Fifth International School of Physics, which was held at Ravello from April 17 to May 4, 1963, thanks to the generous support of the Advanced Study Institute Programme of NATO.

The subject chosen for this School was again the Many-Body Problem, to which part of the first and all of the second School were also dedicated. The advances made in the last years in this field have been indeed of the greatest importance, so that the present volume offers a new panorama, and deeper perspectives than the previous ones.

I gratefully acknowledge here the warm and friendly collaboration of the distinguished lecturers who made this School a rewarding experience for all, from all points of view. In particular, I feel indebted to Professor D. Pines, whose advice and help have been extremely valuable at all stages of this endeavor. Special thanks are also due to Academic Press for their understanding cooperation and assistance.

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