1. Record Nr. UNICAMPANIAVAN0000339

Titolo	Der Betrieb : Wochenschrift für Betriebswirtschaft Steuerrecht Wirtschaftsrecht Arbeitsrecht
Pubbl/distr/stampa	Düsseldorf ; Frankfurt, : Handelsblatt, 1948-
ISSN	0005-9935
Descrizione fisica	volumi ; 31 cm
Disciplina	346.4306605
Soggetti	Diritto privato - Periodici
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Periodico

2. Record Nr. UNINA9910790869503321

Titolo	Luttinger model : the first 50 years and some new directions / / edited by Vieri Mastropietro, University of Milan, Italy, Daniel Charles Mattis, University of Utah, USA
Pubbl/distr/stampa	New Jersey : , : World Scientific, , [2014] 2014
ISBN	981-4520-72-1
Descrizione fisica	1 online resource (xiii, 297 pages) : illustrations (some color)
Collana	Series on directions in condensed matter physics, , 1793-1444 ; ; volume 20
Disciplina	530.12015195
Soggetti	Luttinger liquids Condensed matter - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	CONTENTS; Preface Vieri Mastropietro; Introduction Daniel C. Mattis; Chapter I:. The Luttinger Model and Its Solution; An Exactly Soluble

Model of a Many-Fermion System Joaquin M. Luttinger; I. INTRODUCTION; II. EXACT SOLUTION OF THE MODEL; III. EXPLICIT EVALUATION OF MOMENTUM DISTRIBUTION; IV. COMPARISON WITH PERTURBATION THEORY; V. RESPONSE TO EXTERNAL FIELDS; APPENDIX; ACKNOWLEDGMENTS; Exact Solution of a Many-Fermion System and Its Associated Boson Field Daniel C. Mattis and Elliott H. Lieb; I. INTRODUCTION; II. MODEL HAMILTONIAN; III. CASE OF THE FILLED DIRAC SEA
IV. SOLUTIONS OF THE MODEL HAMlLTONIANV. EVALUATION OF THE MOMENTUM DISTRIBUTION; VI. DIELECTRIC CONSTANT; APPENDIX; ACKNOWLEDGMENTS; Chapter II: Lattice, Dynamical and Nonlinear Effects; Luttinger Model and Luttinger Liquids Vieri Mastropietro; 1. Introduction; 2. The Luttinger Model Exact Solution; 3. Nonsolvable Lattice Models and the Luttinger Liquid Conjecture; 4. Exact Renormalization Group Analysis; 5. Emerging Symmetries and Vanishing of Beta Function; 6. Ward Identities and Anomalies; 7. Proof of the Luttinger Liquid Relations in Nonsolvable Models; 8. Conclusions; References
The Luttinger Liquid and Integrable Models Jesko Sirker1. Introduction; 2. Quantum Integrability; 2.1. Consequences for transport; 2.2. Consequences for thermalization in closed systems; 3. Low-Energy Description of the XXZ Model; 3.1. Irrelevant operators in the finite field case; 3.2. Irrelevant operators for zero field; 4. The Bethe Ansatz Solution; 5. Fixing Parameters of the Luttinger Model Using Integrability; 5.1. Velocity and Luttinger liquid parameter; 5.2. Coupling constants of irrelevant operators; 5.2.1. The zero field case; 5.2.2. The finite field case; 6. Applications
6.1. Impurities, Friedel oscillations and nuclear magnetic resonance6.2. The spin-lattice relaxation rate and transport; 7. Conclusions; Acknowledgments; References; Long Time Correlations of Nonlinear Luttinger Liquids Rodrigo G. Pereira; 1. Introduction; 2. Breakdown of LL Theory by Band Curvature Effects; 3. High Energy Contributions to Time-Dependent Correlation Functions; 4. Long Time Decay at Finite Temperatures; 5. Conclusion and Outlook; Acknowledgments; References; An Expanded Luttinger Model Daniel C. Mattis; 1. Introduction; 2. Review of the (Original) Dispersionless Model
3. Neglect of Exchange Terms4. Important Features of the Original Luttinger Model; 5. Dispersion: The New Feature; 6. Notation; 7. Equations of Motion in the Generalized Model; 8. Eigenvalue Equation at Long Wavelengths; 9. Attractive Versus Repulsive Forces; 10. Conclusion; Appendix A; References; Chapter III: Applications and Experimental Test; Quantum Hall Edge Physics and Its One-Dimensional Luttinger Liquid Description Orion Ciftja; 1. Introduction; 2. Luttinger Liquid and Bosonization; 3. Quantum Hall Effect and the Laughlin States
4. Luttinger Liquid Description of Quantum Hall Edge States

Sommario/riassunto

The Luttinger Model is the only model of many-fermion physics with legitimate claims to be both exactly and completely solvable. In several respects it plays the same role in many-body theory as does the 2D Ising model in statistical physics. Interest in the Luttinger model has increased steadily ever since its introduction half a century ago. The present volume starts with reprints of the seminal papers in which it was originally introduced and solved, and continues with several contributions setting out the landscape of the principal advances of the last fifty years and of prominent new dire

3. Record Nr. UNICAMPANIAVAN0229416

Titolo	Nanoscale Photonic Imaging / Tim Salditt, Alexander Egner, D. Russell Luke editors
Pubbl/distr/stampa	Cham, : Springer, 2020
Titolo uniforme	Nanoscale Photonic Imaging
Descrizione fisica	xxii, 634 p. : ill. ; 24 cm
Soggetti	92-XX - Biology and other natural sciences [MSC 2020] 00A79 (77-XX) - Physics [MSC 2020] 78A60 - Lasers, masers, optical bistability, nonlinear optics [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia