ITFA LIBRARY CATALOGUE

AUTHOR	TITLE
Abramovitch	Handbook of mathematical functions
Aitchison	Gauge theories in particle physics (2nd and 3rd edition)
Altland	Condensed Matter Field Theory
Arfken and Weber	Mathematica methods for physicists
Arnold	Mathematical Methods of Classical Mechanics.
Ashcroft and Merman	Solid state physics
Atkins	Molecular Quantum Mechanics
Babelon	Introduction to classical integrable systems
Bailing and Love	Introduction to gauge field theory
Balescu	Equiblibrium and non-equilibrium stat mech
Barrow	Antropic Cosmologica Principle
Batchelor	An introduction to fluid dynamics
Baxter	Exactly Solved Models in Statistical Mechanics
Bertleman	Anomalies in QFT
Bertone	Particle Dark Matter (2 copies)
Binney	Galactic dynamics
Birrell	Quantum Fields in curved space
Bjorken Drell	Relativisitic quantum fields
Boas	Mathematica methods for physical sciences
Brown	Quantum field theory
Burgess and Moore	The standard Model
Carroll	Spacetime and geometry: an introduction to general relativity
Cheng	Gauge theory of elementary particle physics (problems and solutions book)
Cheng	Relativity gravitation and cosmology
Cohen Tannouvji	Quantum Mechanics
Coleman	Aspects of Symmetry
Collins	Renormalization
Connes	Non-commutative geometry
Cornwell	Group theory in physics
Cremer	Neutron and x-ray optics
Darrigol	Electrodynamics from Ampere to Einstein
De lange	Operator methods in quantum mechanics
Deligne	Quantum fields and strings
Dodelson	Modern Cosmolog
Efetov	SUSY in disorder and chaos
Essler	The one dimensional Hubbard Model

Feynman	Lectures on Physics volume III
Fradkin	Conformal QFT in d dimensions
Frankel	The geometry of physics
Frisch	Turbulence
Frolov	Black hole Physics
Gambini Pullin	Loop quantum gravity
Gasiorowicz	Quantum Physics
Gaudin	The Bethe wavefunction
Georgi	Weak Interactions and modern particle theory
Georgi	Lie algebras in particle physics
Giunti	Fundamentals of neutrino physics
Goldstein	Classical Mechanics
Goldstein	Classical Mechanics (the real one)
Gottfried	Quantum mechanics volume I
Gradshteyn, I. S.	Table of integrals, series and products
Green	Superstring theory vol I and II
Griffits	Introduction to elementary particles
Griffits & Harris	Principles of Algebrai Geometry
Hagedorn	Symmetries in quantum mechanics
Halzen and Martin	Quarks and Leptons
Hammermesch	Group theory and its applications to physical problems
Hartshorn	Algebraic Geometry
Hawley	Foundations of modern Cosmology
Itzykson and Zuber	Quantum field theory
Jackson	Classical electrodynamics
Joyce	Compact manifolds with special holonomy
Kaku	Strings, Conformal fields and M theory
Kaku	Quantum field theory
Korepin	Quantum Inverse Scattering Method and Correlation Functions
Landau	Mechanics
Landau	Classical theory of fields
Landau	Statiscal Physics part I
Landau	Quantum mechanics II
Landau Lifshitz	Quantum Mechanics
Lee	Particle Physics and Introduction to field theory
Lehner	Cambidge companion to Einstein
Letokhov	Astrophysical Lasers
Levin	An introduction to quantum theory

Longair	High Energy Astrophysics
Loudon	Quantum theory of light
Lust	Lectures on String Theory
Maggiore	Modern introduction to QFT (2 copies)
McCoy	Advanced Statistical Mechanics
Meijer	Group theory and the application to quantum mechanics
Messiah	Quantum Mechanics
Milne-Thomson	Theoretical Hydrodynamics
Misner Wheeler Thorne	Gravitation
Monin & Yaglom	Statistical Fluid Mechanics (volume I and II)
Morse Feschbach	Methods for theoretical physics
Mussardo	Statistical Field Theory
Nakahara	Geometry topology and physics
Peebles	Principles of Physical Cosmology
Perkins	Particle Astrophysics
Peskin	An introduction to Quantum Field theory
Peter	Primordial Cosmology
Pokorski	Gauge Field theories
Polchinski	String Theory Volume II
Polchinski	String Theory Volume I
Polyakov	Gauge fields and strings
Press	Numerical Recipes
Prugovecki	Quantum mechanics in Hilbert space
Rajaraman	Solitons and Instantons: An Introduction to Solitons and Instantons in Quantum Field Theory
Ramond	Field Theory: A modern primer
Rezzolla	Relativistic Hydrodanamics
Rindler	Introduction to special relativity
Ryder	Quantum field theory
Sachdev	Quantum Phase Transitions
Sakurai	Advanced Quantum Mechanics
Sakurai	Modern Quantum Mechanics
Samaj	Introduction to the statistical physics of integrable many-body systems
Schlipp	Einstein philosopher-scientist
Schulmann	Einstein on politics
Schultz	First course in General Relativity
Schwartz	Quantum Field Theory and the Standard Model
Sneddon	Elements of partial differential equations
Srendicki	Quantum Field Theory

Steane	Relativity made relatively easy
Sterman	Introduction to quantum field theory
Streater And Wightman	PCT, spin statistics and all that
Sutherland	Beautiful Models
Takahashi	Thermodynamics of one-dimensional solvable models
Tennekes	A first course in turbulence
Townsend	Structure of turbulent shear flow
Van Dongen	Einstein's Unification
Wald	General relativity
Warner	Foundations of differentiable manifolds and lie groups
Weinberg	Quantum theory of fields (volume I and III)
Weinberg	Cosmology
Weinberg	Quantum Theory of Fields Volume II
Weinberg	Gravitation and Cosmology
Wen	Quantum Field Theory of Many-Body systems
Wess and Bagger	SUSY and Sugra
Witheker and Watson	Course of modern analysis
Wittacker Watson	Course of modern analysis
Zee	Quantum Field Theory in a Nutshell
Zinn-Justing	QFT and critical phenomena
Zwiebach	String Theory