



New Trends in Integrability and Partial Solvability (Paperback)

By -

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. Brand New Book ***** Print on Demand

*****.TheAdvancedResearchWorkshop

NewTrendsInIntegrabilityandPartial Solvability (ARW. 978791)

tookplaceinthebeautifulsettingoftheFaculty ofMedicineofC
adizUniversity smainroomonJune13-15,2002. Although

thenumberofparticipantswas 30,

thelectureswereattendedbymorethan one hundred researchers
from around the world who were also attending the NEEDS 2002
meeting. Theaim of the organizers was to take advantage of
these events to bring together researchers from the ?eld of
integrable systems and/or from the particular subject of partial
integrability, in view of the current interest in combining
methods and ideas arising from both areas. A widevariety of
topics were covered in the talks andthe subsequent discussions,
including the analysis of reductions and solutions of integrable
nonlinear partial di?erential equations and dynamical systems,
new me- ods for the analysis of initial-boundary value problems
for linear partial di?erential equations, quasi-exactly solvable
Bose systems, the geometric theory of ordinarydi?erential
equations, exactly and partially solvable spin models, the theory
of nonlocal symmetries of di?erential equations, and
superintegrable systems. Theworkshop revealed the growing
importance of the theory of integrable system as well as the
emerging theory of partially solvable systems. The present
volume contains a series of invited contributions describing...

Reviews

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-- **Ms. Lavada Krajcik**

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-- **Ted Schumm**