

Institut Ruđer Bošković
ZAVOD ZA TEORIJSKU FIZIKU
Bijenička c. 54
ZAGREB, HRVATSKA

SEMINAR ZAVODA ZA TEORIJSKU FIZIKU
(Zajednički seminari Zavoda za teorijsku fiziku,
Zavoda za eksperimentalnu fiziku i Zavoda za teorijsku fiziku PMF-a)

Integrable Systems Towards Noncommutative Space

Irfan Mahmood
Universit d'Angers, Francuska

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Vrijeme : 11:00 sati c.t.
Mjesto: IRB, predavaona I krila

Abstract:

We will outline the mathematical formalism of integrable systems on commutative and non-commutative spaces. Then we will focus on noncommutative Painlevé second equation, its symmetric functions and Lax representation, Darboux transformations and quasideterminant representation of its multi-soliton solutions.

Voditelj seminara: Dr. Goran Duplanić
<gorand@thphys.irb.hr>

[http : //thphys.irb.hr/Seminar/list.htm](http://thphys.irb.hr/Seminar/list.htm)