



Chern-Simons Theory Matrix Models And Topological Strings

Author : Marcos Marino / **Category :** Science / **Total Pages :** 197 pages



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Summary : Free chern-simons theory matrix models and topological strings pdf download - after an introduction to matrix models and cherns-simons gauge theory this book describes in detail the topological string theories that correspond to these gauge theories and develops the mathematical implication of this duality for the enumerative geometry of calabi-yau manifolds and knot theory

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matrix models from operators and topological strings - matrix models from operators and topological strings ... string theory models. ... brations over p_1 can be described by chern-simons matrix models [2], ...

the international series of monographs on physics series ... - the international series of monographs on physics ... chern-simons theory, matrix models and topological strings ... that chern-simons theory and matrix models ...

1 chern-simons theory & topological strings - chern-simons theory & topological strings ... simons theory on d holomorphic chern matrix model ... using the large n -duality to chern-simons theory akmv 03.

lectures on non-perturbative effects in large n theory ... - lectures on non-perturbative effects in large n theory, matrix models and topological strings ... chern-simons theory ... strings and simple topological string models ...

matrix models and topological strings - link.springer - also use matrix model technology to analyze large n chern-simons theory and ... before presenting the relation between matrix models and topological strings, ...

topological strings, matrix models and emergent geometry - topological strings, matrix models and emergent geometry marcos marino university of geneva

two pages on matrix models and topological strings - two pages on matrix models and topological strings antoine ... quotations. 1 matrix models matrix models are quantum gauge theories in ... 2 topological sigma models

arxiv:hep-th/0501123v2 25 nov 2005 - this connection between chern-simons theory and topological strings was already ... discrete and oscillatory matrix models in chern-simons theory 3 section, ...

matrix model as a mirror of chern-simons theory - jhep02(2004)010 chern-simons theory b-brane on blownup $cy \times y$ blown up $cy \times x$ deformed $cy \times y$ matrix integral mirror symmetry large n duality planar limit

matrix models and d-branes in twistor string theory - holomorphic chern-simons theory on ... christian s. amann matrix models and d-branes in twistor string theory. ... d1-d5-strings. christian s. amann matrix models and ...

topological strings and their diverse applications - topological strings and their diverse ... r.dijkgraaf and cfa, ``matrix models, topological strings, ... theory and three dimensional chern-simons gravity ...

topological string theory, modularity and non-perturbative ... - nils carqueville talked about quiver gauge theory and topological strings. ... chern simons theory, matrix models and topological string theory. in particular large

matrix models from operators and topological strings, 2 - matrix models from operators and topological strings, 2 ... chern-simons theory on the lens ... between the two matrix models, ...

moyal deformations of gravity via su gauge theories ... - topological chern-simons matrix models ... the effective 3d higher conformal-spin field theory of $w \infty$ strings is ... open strings and one-dim matrix models are ...

soft matrix models and chern simons partition functions - ... {simons theory13;22 and topological strings.11;15;23 ... phasizing recent results and trends that connect chern{simons theory with matrix models.1; ...

combinatorial properties of toric topological string ... - combinatorial properties of toric topological ... main reference m. marino,~ chern-simons theory, matrix models, ... on “b-model” side of topological strings ...

arxiv:0809.1610v2 [math-ph] 24 oct 2008 - chern-simons theory on I ... topological strings, ... discussion precisely about the case of topological strings with a $l(p,1)$ chern-simons matrix

chern-simons-witten theory as a topological fermi liquid ... - chern-simons-witten theory as a topological fermi liquid ... particular the $c \leq 1$ matrix models and two ... specifying the occupation numbers of strings ...

arxiv:0912.3074v4 [hep-th] 12 may 2010 explicit results ... - exact results in abjm theory from topological strings ... this theory has a topological string large n dual, ... chern{simons matrix models introduced in ...

large n matrix models, gravity and strings - dftuz.unizar - large n matrix models, gravity and strings ... chern-simons theory and its ... localization and matrix models.

arxiv:0907.4082v2 [hep-th] 4 mar 2010 - researchgate - chern-simons matrix models, ... 3. $c = 1$ matrix models and topological string theory 15 ... and it is also the case for topological strings with a chern-simons

conifold geometries, matrix models and quantum solutions - conifold geometries, matrix models and quantum solutions sections to matrices and therefore it is not immediate how to unambiguously define the potential function x ...

non-perturbative aspects of the topological string marcos ... - • basics of topological strings. a and b models. cys ... of matrix models. large n duals of topological strings ... point is a 2d topological field theory, ...

chern simons theory, exactly solvable models and free ... - chern simons theory, exactly solvable models ... topological strings.3,4 chern{simons theory on ... between chern{simons theory and random matrix models, ...

title exact instanton expansion of superconformal chern ... - theories from topological strings ... same expression from the refined topological string theory as the abjm matrix ... models, chern-simons theories, topological ...

matrix models for superstrings - peopleysik-berlin - topological strings (1998, 2002, ... chern-simons theory and its ... they are closely related to the chern-simons matrix models introduced in

a matrix model for the topological string ii: the spectral ... - ... we presented a matrix model reproducing the topological string partition ... chern-simons theory, matrix ... marino m.: chern-simons theory, matrix models, ...

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the cubic matrix model and a duality between strings and loops - the cubic matrix model and a duality between strings and ... freedom and dynamics of the m theory matrix models. 1. ... constant of the chern-simons theory) ...

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bps state counting and related physics - ???? - bps state counting and related physics ... 3d chern-simons gauge theory on $S^2 \times S^1$... discrete matrix models • topological string theory ...

non-perturbative aspects of the topological string marcos ... - topological string marcos mariño ... (resolved conifold, local $P^1 \times P^1$): chern-simons gauge theory description ... matrix models, noncritical strings, ...

on the large n limit of exceptional jordan matrix models ... - jordan matrix models, chern-simons ... chern-simons, exceptional groups, strings, branes, ... and chern simons topological matrix models ...

arxiv:0809.1610v1 [math-ph] 9 sep 2008 - chern-simons theory on $l(p,q)$... topological strings, geometric transitions, random matrices. ... = m chern-simons matrix model [1].

published for sissa by springer - λ is the coupling constant of chern-simons theory. 3. matrix models. in matrix models, ... $\lambda = 1/n$ controls the expansion in (inverse) matrix size [4]. 4. topological ...

braiding knots with topological strings - ulb bonn - braiding knots with topological strings ... 2.3 chern{simons theory37 ... 2.4 matrix models ...

topological strings on local calabi-yau manifolds and ... - topological strings on local calabi-yau ... exactly solvable models in string theory : ... duality between chern-simons theory and gromov-witten

massless flavor in geometry and matrix models - massless flavor in geometry and matrix models ... of type a topological strings. this topological duality was ... the holomorphic chern-simons theory which becomes a ...

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remodeling the topological string - perturbatively and ... - remodeling the topological ... remodeling the topological string - perturbatively and ... noncritical strings solved in terms of matrix models/

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effective so superpotential for $n=1$ theory with ... - effective so superpotential for $n=1$ theory ... matrix models, ... relating topological b strings on the cy_3 geometries [3] ...