AN INTRODUCTION TO SEIBERG-WITTEN THEORY

MUHAMMAD ALI SHEHPER UNIVERSITY OF TEXAS AT AUSTIN

10:30AM - 12:05PM FRIDAY FEBRUARY 2, 2018

ENERGY DYNAMICS. IN NON-SUPERSYMMETRIC
THEORIES, THIS QUESTION CANNOT BE ANSWERED
EXACTLY AND WE SUFFICE OURSELVES WITH AN
APPROXIMATE ANSWER OBTAINED FROM PERTURBATION
THEORY, THAT HOLDS IN THE WEAK-COUPLING REGIME
ONLY.

SEIBERG AND WITTEN, IN THEIR SEMINAL PAPER IN 1994, PROPOSED THAT THE AFORE-MENTIONED QUESTION CAN BE ANSWERED EXACTLY FOR N=2 SUPER YANG-MILLS BY EMPLOYING THE EXTRA CONDITION OF SUPERSYMMETRY.

O IN THESE TALKS, I REVIEW THEIR PAPER (HEP-

$$D^{2} = \rho \quad J_{tot} = \quad J + \frac{\partial JH}{\partial t} \quad 9407087). \\ S = \quad \frac{1}{2}at^{2} \quad E = \quad \frac{1}{\sigma}J$$

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