

Deformed Seiberg-Witten curves for ADE quivers

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We study $N=2$ ADE quiver gauge theories in presence of a non-trivial Omega background along a two dimensional plane. In particular we perform a saddle point analysis to the partition function and derive an epsilon-deformed version of Seiberg-Witten like equations. The result can be interpreted as a non-commutative version of the standard Seiberg-Witten curves associated to the quiver theories.

Primary author: Dr RICCI PACIFICI, Daniel (Padova)

Presenter: Dr RICCI PACIFICI, Daniel (Padova)