

Fourier–Mukai and Nahm
August 27–31 , 2007

*Doubly periodic instantons with twisted
boundary conditions*

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Abstract

Moduli-spaces for doubly-periodic instantons with twisted boundary conditions are considered. It is argued that these moduli-spaces have an “instanton quark” interpretation. In particular, for topological charge one and gauge group $SU(2)$ there is an eight dimensional moduli space encoding the locations of two charge one-half constituents. Possible extensions to four-torus moduli-spaces are discussed.