

## Dimensional reduction and dualities in two dimensions

*Wednesday 19 July 2017 10:00 (1 hour)*

We discuss the reduction of supersymmetric theories to two dimensions, and new features that arise here, including non-trivial target space metrics and the appearance of direct sums of decoupled theories. We describe how these features affect the reduction of supersymmetric dualities, and point out new subtleties that arise in two dimensional infrared dualities. In the process, we recover many known dualities, and find some new ones.

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