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## Towards a discretization of supersymmetric QCD

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We study possible discretizations of the action of supersymmetric QCD. Supersymmetry is broken on the lattice and improved lattice formulations should reduce the amount of fine-tuning required to recover it in the continuum limit. The discrepancy between the conventional scalar field discretization and the Wilson fermion discretization contributes to the breaking of supersymmetry. We investigate an alternative formulation of the scalar sector, that avoids part of this mismatch. In addition, we examine the properties of the scalar sector of  $\mathcal{N} = 1$  super QCD using this alternative discretization and its connections to other theories.

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