

## Quark Confinement and the Hadron Spectrum XI



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### Dyons and confinement at non-zero $T$

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We consider a model for the vacuum of pure glue theory based on dyons. Temperatures of confinement-deconfinement, string tensions and other physical quantities for different gauge groups and representations are calculated. The relation with supersymmetric confining theories is discussed.

Considered mechanism of confinement/deconfinement implies specific behavior of the effective potential for Polyakov's loop in the Yang-Mills theory. Lattice measurements and theoretical description of this effective potential are presented.

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