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Witten - Type Supersymmetric Lagrangians and Quantum Topology

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Abstract - In this article we present an invariant form of a version adapted to $Spin^c(4) \times U(2)$ of the minimal Yang-Mills type lagrangian that Edward Witten gave regarding the supersymmetric Yang-Mills theory and using quantum field theory methods.

Key words and phrases : Yang-Mills type lagrangian, supersymmetric Yang-Mills theory, quantum field theory.

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