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Ecuación de Schwinger-Dyson para un propagador de fermiones completamente vestido

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The Schwinger-Dyson equations (DSE) were obtained from a functional generation of masses $M(p)$ for a fermion propagator, which are analogous to the Euler-Lagrange equations in quantum field theory (QFT), because these correspond to the equations of motion of Green's functions. The DSE's solve them by means of a truncation scheme. In order to solve abelian models for quantum chromodynamics (QCD) at low energies, which allow us to obtain the mass spectrum for pseudoscalar mesons ($J_p=0^-$) and the decay constants.

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