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Turkish Journal	Kerr Spinning Particle
of	A. BURINSKII
	Gravity Research Group, NSI, Russian Academy of Sciences,
Physics	B.Tulskaya 52, Moscow 113191-RUSSIA
	e-mail: grg@ibrae.ac.ru
Keywords Authors	<u>Abstract:</u> We give a brief review of the problems connected with the model of spinning particle based on the Kerr geometry. We consider peculiarities of the Kerr rotating black hole solution in gravity, supergravity and low energy string theory. A non-trivial supergeneralization of the Kerr-Newman solution to broken N=2 supergravity is considered. \par The problem of source of the Kerr geometry is discussed, and we consider some arguments in favor of the supersymmetric Fermi-ball model for the Kerr source based on the Witten U(1)\times U(\tilde 1) field model for superconducting strings.
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