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Ganna Tarasenko* (anataras@uaeh.reduaeh.mx), Ganna Tarasenko, 106, Privada del Clavel, Campestre Villas del Alamo, 42184 Pachuca, Hidalgo, Mexico. *On a Class of Generators of One-parameter C_0 -Semigroup of Operators.*

In the separable Hilbert space we consider a class of closed, densely defined operators, inverse to which are n-dimensional perturbations of Volterra dissipative operators. The conditions, under which operators of this class generate C_0 -semigroup are found. (Received February 19, 2004)