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Juhi Jang and **Dong Li*** (mpdongli@gmail.com), Department of Mathematics, University of Iowa, 14 Maclean Hall, Iowa City, IA 52242, and **Xiaoyi Zhang**. *On semilinear nonlinear wave equations and Klein-Gordon equations with critical nonlinearities.*

We will explain some recent results on the construction of wave operators for a large class of semilinear nonlinear wave equations, Klein-Gordon equations with critical nonlinearities. (Received September 11, 2009)