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Main interests: Differential Equations and Dynamical Systems

Preprints:

- Geng, J., [Invariant tori of full dimension for a nonlinear Schrödinger equation](#), preprint, 2008

Publications:

- Geng, J., Viveros, J. and Yi, Y., [Quasi-periodic breathers in Hamiltonian networks of long-range coupling](#), Physica D, 237(2008), 2866-2892
- Ni u, H. and Geng, J., [Almost periodic solutions for a class of higher dimensional beam equations](#), Nonlinearity, 20 (2007), 2499-2517
- Geng, J. and Yi, Y., [A KAM theorem for Hamiltonian networks with long ranged couplings](#), Nonlinearity, 20(2007), 1313-1342
- Geng, J. and Yi, Y., [Quasi-periodic solutions in a nonlinear Schrödinger equation](#), J. Differential Equations, 233 (2007), 512-542
- Geng, J. and You, J., [KAM Tori for Higher Dimensional Beam Equation with Constant Potentials](#), Nonlinearity, 19(2006), 2405-2423
- Geng, J. and You, J., [A KAM theorem for Hamiltonian partial differential equations in higher dimensional spaces](#), Commun. Math. Phys., 262(2006), 343-372
- Geng, J. and You, J., [A KAM theorem for one dimensional Schrödinger equation with periodic boundary conditions](#), J. Differential Equations, 209(2005), 1-56
- Liang, Z and Geng, J., [Quasi-periodic solutions for 1D resonant beam equation](#), Commun. Pure Appl. Anal., 5(2006), 839-853
- Geng, J. and You, J., [KAM tori of Hamiltonian perturbations of 1D linear beam equations](#), J. Math. Anal. Appl., 277 (2003), 104-121

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