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*Standing waves of the discrete nonlinear Schrödinger equation with sign changing nonlinearity.* Preliminary report.

My previous works only dealt with self-focusing and defocusing nonlinearity that means the coefficients in the nonlinearity are all negative (self-focusing case) or all positive (defocusing case). In this talk I am going to present my recent works on the standing waves of the discrete nonlinear Schrödinger (DNLS for short) equation with sign changing nonlinearity (that contains both self-focusing and defocusing terms). (Received August 02, 2010)