1116-39-1226 **Adrian Stefan Carstea*** (carstea@gmail.com), National Institute of Physics and, Nuclear Engineering, Dept. of Theoretical, Phyics, Bucharest, Romania. *Lattice supersymmetric Korteweg de Vries equation and super-QRT mappings.*

Two integrable discretizations of supersymmetric KdV equation are constructed using Hirota's bilinear formalism. The integrability is established by constructing multi-supersoliton solution which displays two different type of interactions between supersolitons. Travelling wave reduction is also performed and the emergent super-QRT mapping is analyzed. The interesting fact is that, despite its integrability, it has unconfined singularities. (Received September 18, 2015)