

Scattering theory for the Ward Map

Karen Uhlenbeck

*Department of Mathematics
University of Texas at Austin
USA*

uhlen@math.utexas.edu

Abstract — We describe the scattering theory for the space-time monopole equation which is related to the Ward Map. Manakov-Zakharov, Villarroel and Fokas-Ioannidou have published results and we describe their results and discuss rigorous ways to prove the existence of continuous and discrete scattering data.
