

Yavuz Nutku, “Hamiltonian formulation of the KdV equation”, Journal of Mathematical Physics 25.6 (1984): 2007-2008

Hamiltonian of the KdV equation

- (1) Derive expressions (17a), (17b) and (17c).
- (2) Verify equations of motion (20a), (20b), (20c) and (20d).