1038-35-206   **Zoran Grujic** and **Henrik Kalisch*** (`henrik.kalisch@math.uib.no`), Department of Mathematics, Johannes Brunsgate 12, 5008 Bergen, Norway. *An Estimate on the Number of Rapid Oscillations of an Undular Bore.*

Using a simple model equation for the evolution of long waves at the surface of a an incompressible fluid, the number of rapid oscillations of an undular bore is estimated. The estimate relies on the analysis of the Burgers-KdV equation in spaces of analytic functions. Special attention is paid to the effect of viscosity. (Received February 10, 2008)