1019-11-108   **Cameron L. Stewart*** (`cstewart@uwaterloo.ca`), Department of Pure Mathematics, University of Waterloo, 200 University Avenue, Waterloo, Ontario N2L 3G1, Canada. *Powers of rationals in short intervals.* Preliminary report.

In the 1980's Loxton and Turk established estimates for the number of powers of integers in short intervals.In this talk we shall consider the related problem with integers replaced by rationals of relatively small height. (Received August 09, 2006)