1021-42-87   **Yu. Lyubarskii** and **W. R. Madych*** (`madych@math.uconn.edu`), Dept. of Mathematics, Univ. of Connecticut, Storrs, CT 06269-3009. *Irregular Poisson Type Summation.*

We present extensions of the classical Poisson summation formula in which the sequence of sampling knots, normally a lattice, can be taken from a relatively wide class of sequences. (Received August 27, 2006)