962-40-1141 Jeffrey A Osikiewicz* (josikiewicz@tusc.kent.edu), Kent State University, Tuscarawas Campus, New Philadelphia, OH 44663-9403, and Mohammad K Khan (kazim@mcs.kent.edu), Kent State University, Dept of Mathematics and Computer Science, P.O. Box 5190, Kent, OH 44242-0001. Inclusion Theorems for Euler Submethods. Preliminary report.

An Euler submethod $E_{r,\lambda}$ is defined as a transformation that yields a subsequence of the Euler summability method E_r . Theorems showing inclusion properties of these submethods will be presented. (Received October 02, 2000)