DEPARTMENT OF MATHEMATICS,

UNIVERSITY OF KARACHI,

Course Outline

MATH 615: SUMMABILITY THEORY - I

Course contents:

Metric transformations. Toeplitz steinhaus and Kojima Shur theorems and their integral andlogues. Regularity, consistency, equivalence and inclusions of some methods of summability.

Books Recommended:

1. Hardy, G. H., Divergent Series, Clarendon Press, 1976.
2. Peterson, C. M., Regular Matrix Transformations, McGraw Hill,1980.
3. Knopp, K., Theory and Applications of Infinite Series, Blakie and sons, 1987.