

**DEPARTMENT OF MATHEMATICS,**

**UNIVERSITY OF KARACHI,**

**Course Outline**

**MATH 616: SUMMABILITY THEORY - II**

Course contents:

Holder and Cesaro's means. Mercer's theorem. Summability of integrals. Euler, Borel and Hausdorff 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.