

University of Macau

Faculty of Science and Technology

Department of Mathematics

Holomorphic campanato spaces and a general family of function spaces

By

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Date: 19 November 2015 (Thursday)

Time: 10:30 a.m. - 11:30 a.m.

Venue: E11- 1035

Abstract

In this talk, we present the Littlewood-Paley characterization of Campanato spaces and construct the relations between this space and a general family of function spaces $F(p;q;s)$. We also investigate the boundary value, Coronatheorem, and interpolating sequences for a Moebius invariant general family of function spaces. Moreover, we introduce an integral operator preserving the Carleson measures and characterize the distance from the $F(p;q;s)$ spaces to the Bloch-type spaces.

Biography

Dr. Cheng Yuan is currently an associate professor in Institute of Mathematics, School of Science, Tianjin University of Technology. His major interests focus on complex analysis, harmonic analysis and operator theory, especially the analytic properties of various operators on holomorphic spaces.

All are Welcome!

**FST Seminar - MAT - " Holomorphic campanato spaces and a general family of function spaces " at
10:30am on 19 November 2015 (Thursday), E11-1035**