Mobius Invariant Function Spaces

by

Professor Kehe ZHU
The University at Albany, State University of New York, USA

Abstract

There are many Banach spaces of analytic functions in the unit disk whose norm is invariant under the action of the Mobius group. The diagonal Besov spaces and the relatively new Qp classes are examples. We will discuss a general theory, including the determination of the minimal space, the maximal space, and the unique Hilbert space among all such spaces. The related case of entire functions under the action of the Heisenberg group will also be discussed.

Date : 20 June 2011 (Monday)
Time : 2:00 – 3:00 pm
Venue : Y6534 (MA Meeting Room), Yellow Zone
        Level 5, Academic Building
        City University of Hong Kong

** All are welcome **
For enquiry: 3442-8646