
SHAOXIONG HOU, Memorial University of Newfoundland
Musielak-Orlicz BMO-Type Spaces

Classic BMO (bounded mean oscillation) space introduced by John and Nirenberg has wide applications. For example, it play an essential role in the operator boundedness theory. Musielak-Orlicz functions are some interesting functions including not only spatial variable but also time variable, which is a natural generalization for the classic Muckenhoupt weight functions and Orlicz functions. In this talk, we will discuss how to use the Musielak-Orlicz functions to generalize the classic BMO space and its application.