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**Marie Jose Saad Kuffner\*** (mkuffne1@jhu.edu). *Boundedness of commutators on weighted Hardy spaces.*

It is known that boundedness of the commutator  $[b, H]$  on weighted  $L^p$ -spaces for  $1 < p < \infty$  is characterized by  $b$  being in a certain BMO space adapted to the given weights. In this talk, we present the cases  $p = 1$  and  $p = \infty$  and discuss the space that characterizes boundedness of  $[b, H]$  on the weighted Hardy space  $H^1(w)$  for certain  $A_p$  weights. (Received August 12, 2021)