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Chandan Biswas* (chandan.biswas@uc.edu) and **Leonid Slavin**. *On the Bellman function for the Hardy operator and Hardy-Littlewood Maximal operator in \mathbb{R} .*

We find the Bellman function for the Hardy operator and discuss its connection to the Bellman function for the Hardy-Littlewood Maximal operator in \mathbb{R} . The absence of a "dyadic structure" in these operators makes it different from the previously known Bellman function for the "dyadic Hardy-Littlewood Maximal operator". (Received September 24, 2018)