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Melissa Shabazz and **Maria Tjani*** (mtjani@uark.edu). *Isometries among composition operators on Besov type spaces.*

Given $p > 1$, $\alpha > -1$, let $B_{p,\alpha}$ denote the Besov type space of analytic functions on the unit disk \mathbb{D} . Allen, Heller and Pons have shown that the isometries among composition operators on certain Besov spaces, $B_{p,p-2}$, are induced by rotations. We extend this to all Besov spaces and in fact to all Besov type spaces $B_{p,\alpha}$. We show that in every Besov type space, except on $B_{2,0}$, rotations are the only symbols inducing isometries. We show that this is the case in every weighted Dirichlet space \mathcal{D}_α , $\alpha \neq 0$ as well. (Received August 12, 2015)