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Rachael M. Norton* (rachael.norton@northwestern.edu). *Investigating Pick interpolation in the setting of free noncommutative function theory.*

In a paper from 2016, Ball, Marx, and Vinnikov discuss Pick interpolation theorems in the setting of free noncommutative function theory. A consequence of working in this setting is that the target data in the interpolation problem are forced to belong to the double commutant of the initial data. In this talk, we focus on the appearance (or lack there of) of this condition in Pick interpolation theorems in the W^* -correspondence setting. (Received September 26, 2017)