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Tao Mei^{*} (tao_mei@baylor.edu), One bear place, Waco, TX 77433, and quanhua Xu. Mikhlin's Multiplier Theory and Unconditional Subsequence Property for Noncommutative Lp Spaces associated with Free Group von Neumann algebras. Preliminary report.

We prove an analogue of the classical Mikhlin Fourier multiplier theorem for free groups. This implies several analytic properties, including the Unconditional Subsequence Property, for the associated noncommutative Lp spaces. This talk is based on a joint work with Quanhua Xu. (Received July 12, 2017)