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Marcel Bischoff* (bischoff@ohio.edu), **Simone Del Vecchio** and **Luca Giorgetti**. *Compact Hypergroups from Discrete Subfactors*.

We show that to any local braided discrete subfactor $N \subset M$ of type III one can associate a "compact hypergroup" acting by extremal ucp maps on M , such that N is given by the fixed point algebra under this action. If the subfactor is also of depth two, then the hypergroup is exactly a compact group G and N is the fixed point under a minimal action of G . The motivation is to obtain an invariant and understand discrete inclusions of conformal nets. (Received September 13, 2020)