1151-05-185   **Alex Fink*** (`a.fink@qmul.ac.uk`). *Towards matroids over hyperrings of modules.* Preliminary report.

The structure of "matroids over rings" in my and Moci's sense has some properties suggestive that, for suitable rings R, there may be a hyperring structure on the set of isomorphism classes of R-modules which yields it as a special case of the Baker–Bowler matroids over hyperfields. In joint work in progress with Holger Eble and Ivan Martino, this possibility is investigated. (Received August 18, 2019)