

- SAMUEL BRAUNFELD AND MICHAEL C. LASKOWSKI, *Monadic dividing lines and hereditary classes*.

Computer Science Institute, Charles University, Malostranské nám. 25 11800 Praha 1, Czechia.

E-mail: `sbraunfeld@iuuk.mff.cuni.cz`.

Department of Mathematics, University of Maryland, College Park, 4176 Campus Dr College Park MD 20742, USA.

E-mail: `laskow@umd.edu`.

A theory T is monadically NIP if every expansion of T by unary predicates is NIP. We will discuss how monadic NIP manifests in the theory T itself rather than just in unary expansions, and how this can be used to produce structure or non-structure in hereditary classes. Analogous results concerning monadic stability may also be discussed.

[1] SAMUEL BRAUNFELD AND MICHAEL C. LASKOWSKI, *Characterizations of monadic NIP*, ***Transactions of the American Mathematical Society, Series B***, vol. 8 (2021), pp. 948–970.