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Daniel Turetsky* (dan.turetsky@msor.vuw.ac.nz). *Constructing a fixed point of the structural jump.*

The structural jump is a sort of reverse Marker-extension, where the complexity of all formulae is reduced by one quantifier. Montalbán constructed a fixed-point for the structural jump, meaning a structure for which the degree spectrum is the same for it and its structural jump. His construction requires a large cardinal axiom; S. Friedman & Welch, and independently Puzarenko, produced constructions inside ZFC. We present a simplified construction, also in ZFC. (Received September 17, 2018)