1157-03-117 Samuel Braunfeld* (sbraunf@umd.edu) and Michael C. Laskowski (mcl@math.umd.edu). Counting siblings in universal theories.
We say two structures are siblings if they are (not necessarily elementarily) bi-embeddable. The number of siblings, up to isomorphism, of any countable relational structure $M$ is conjectured to be $1, \aleph_{0}$, or $2^{\aleph_{0}}$. Using mutual algebraicity, we show that if $M$ is not cellular, then it admits an age-preserving extension with $2^{\aleph_{0}}$ siblings. (Received January 22, 2020)

