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Yevgeniya Tarasova* (ytarasov@purdue.edu). *Generators of Residual Intersections*. Preliminary report.

Under suitable technical assumptions, a description is given for the generators of s -residual intersections in terms of lower residual intersections, if $s \geq \mu(I) - 2$. This implies that s -residual intersections can be expressed in terms of links, if $\mu(I) \leq \text{ht}(I) + 3$ and some other hypotheses are satisfied. (Received February 15, 2021)