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Javid Validashti*, Cleveland State University, and **Ali Alilooee** and **Ivan Soprunov**. *The j -multiplicity of edge ideals*. Preliminary report.

We explore the connections between the j -multiplicity of edge ideals and the combinatorial properties of underlying graphs.

This is a joint work with A. Alilooee and I. Soprunov. (Received February 22, 2016)