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Federico Galetto* (galetto.federico@gmail.com). *Equivariant resolutions of De Concini-Procesi ideals*. Preliminary report.

De Concini-Procesi ideals are a family of ideals in the polynomial ring which are indexed by partitions. They appear in different contexts from algebraic topology to algebraic geometry. Among their interesting features, these ideals are stable under the action of the symmetric group permuting the variables. I will illustrate how to construct equivariant free resolutions for these ideals when the indexing partition is hook-shaped. (Received July 13, 2016)