1012-13-149   **Riccardo Biagioli** and **Sara Faridi*** (`faridi@mathstat.dal.ca`), Department of Mathematics and Statistics, Dalhousie University, Halifax, NS B3H 3J5, Canada, and **Mercedes Rosas**.
Resolutions of De Concini-Procesi ideals indexed by hooks. Preliminary report.

We present a minimal generating set for De Concini-Procesi ideals corresponding to partitions whose Young diagrams are hooks. We study the minimal free resolutions of these ideals, as well as their Hilbert series and regularity. We also discuss the general case, where the Young diagram of the corresponding partition has any given shape. (Received September 18, 2005)