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Francesco Russo (frusso@dmf.ufpe.br) and **Aron Simis*** (aron@dmf.ufpe.br). *Cremona maps by way of ideals of linear type and linear syzygies.*

The idea of looking at the syzygies of the forms defining a rational map from projective n -space to projective m -space goes back to the work of Hulek-Katz-Schreyer, in the hope of getting criteria for the map to be birational (at least in the case where $m = n$). In this talk I will give other recent results, sometimes more encompassing, sometimes characteristic free. I will mention related work by Ciliberto et. al. and Eisenbud et. al. (Received January 30, 2008)