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**Laura Ghezzi\*** ([lghezzi@citytech.cuny.edu](mailto:lghezzi@citytech.cuny.edu)). *Hilbert Coefficients and Reduction Numbers.*

Let  $(R, \mathfrak{m})$  be a Noetherian local ring and let  $I$  be a  $\mathfrak{m}$ -primary ideal. We discuss relationships between the Hilbert coefficients of  $I$  and its reduction number. This is joint work with Goto, Hong, and Vasconcelos. (Received July 25, 2014)