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Jim Haglund*, 209 S. 33rd St., Math. Dept., UPenn, Philadelphia, PA 19104-6395, and **Adriano Garsia**. *Recent Results Involving Tesler Matrices and Diagonal Harmonics*. Preliminary report.

Tesler matrices have previously been shown by the speaker to parameterize a combinatorial formula for the Hilbert series of the space of Diagonal Harmonics. Further aspects of this connection were developed by Armstrong, Garsia, Rhoades, Sagan, and the speaker . In this talk we discuss some more recent developments, including a formula of Garsia and the speaker which gives a Tesler matrix expression for the character of Diagonal Harmonics. (Received February 18, 2013)