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**John Calabrese\*** (calabrese@rice.edu). *Gabriel's Theorem and Points.*

A well known theorem of Gabriel says that a variety  $X$  can be reconstructed by the category  $\text{Coh}(X)$  of coherent sheaves on it. This result has seen a few generalizations over the years. I will present a different and more geometric proof, with new generalizations. The idea being that  $X$  can be recovered as a moduli space of "points" in  $\text{Coh}(X)$ . This is joint work with Michael Groechenig. (Received August 20, 2014)