1138-42-112   **Sara Leshen***, sara.j.leshen@vanderbilt.edu, and **Alexander Powell**. *A Balian-Low Type Theorem for Gabor Schauder Bases.*

The Uncertainty Principle implies that a function and its Fourier transform cannot both be well-localized. The Balian-Low theorem is a form of the Uncertainty Principle for Riesz bases. We prove a new version of the Balian-Low theorem for Gabor Schauder bases generated by compactly supported functions. Moreover, we show that the classical Balian-Low theorem for Riesz bases does not hold for Schauder bases. (Received February 05, 2018)