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Gulden Karakok* (gulden.karakok@math.umu.se), Matematik och Matematisk Statistik, Umea Universitet, 901 87 Umea, Sweden, and **Corinne A. Manogue**. *Student-centered linear algebra activities*.

The purpose of this talk is to describe two student-centered linear algebra activities that are implemented during a linear algebra review week for junior level physics students. These particular activities were designed to refresh students' understanding of linear algebra topics (such as linear transformation, determinant, eigenvalues and eigenvectors) used frequently in a series of quantum physics courses. One of the goals of the activities was to help students to make connections between geometric and algebraic interpretations of concepts of eigenvalues and eigenvectors. Students' comments about the activities will also be shared in the presentation. (Received September 22, 2009)