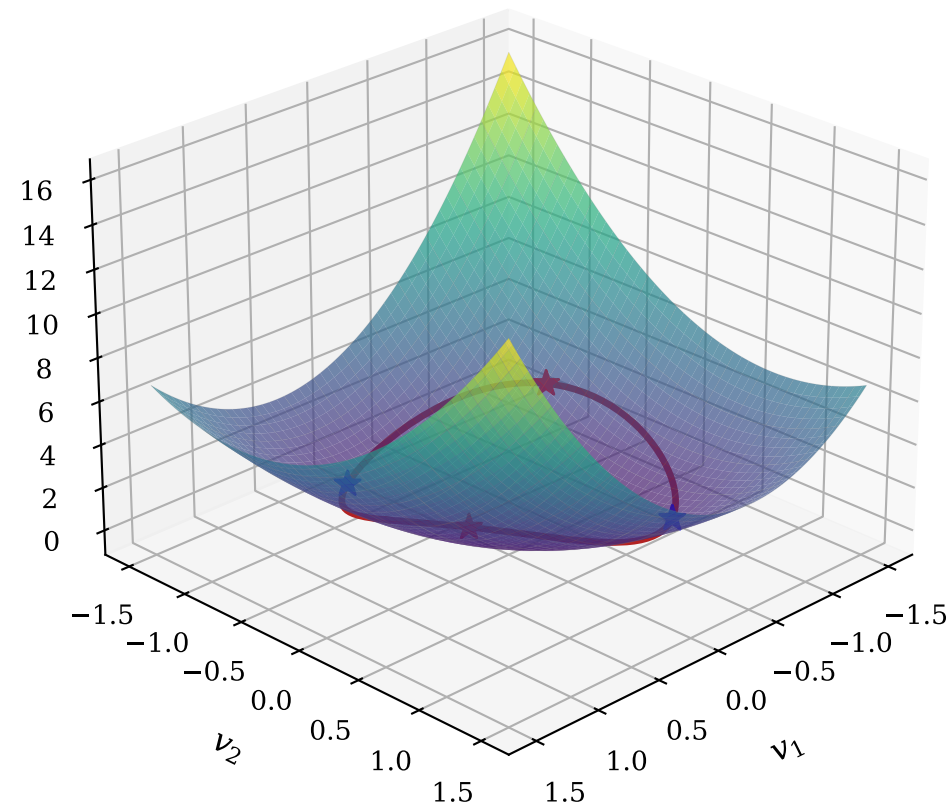


The Quadratic Form $\mathbf{v}^\top \mathbf{A} \mathbf{v}$: Eigenvalues Bound the Values on the Unit Circle
Maximum occurs along first eigenvector (red \star), minimum along second (blue \star).

(a) Quadratic Form as a Surface



(b) Contour View with Eigenvectors

