1067-68-278   **Albert Fannjiang*** (`fannjiang@math.ucdavis.edu`), One Shields Avenue, Davis, CA 95616-8633. *Compressive imaging by the MUSIC algorithm.*

The MUSIC algorithm is analyzed from the compressed sensing perspective. Restricted isometry property is introduced to establish stability to perturbations. Superresolution effect of MUSIC is demonstrated. (Received August 15, 2010)