

Meeting: 1003, Atlanta, Georgia, SS 5A, AMS Special Session on Radon Transform and Inverse Problems, I

1003-44-1027 **David Finch*** (finch@math.orst.edu), Department of Mathematics, Kidder Hall 368, Oregon State University, Corvallis, OR 97331-4605. *Ranges of tomographic transforms*. Preliminary report.

We will discuss the current state of knowledge concerning range characterization for some tomographic transforms. (Received October 02, 2004)