

1172-35-349

Jingni Xiao*, 110 Frelinghuysen road, Piscataway, NJ 08854. *Scattering, non-scattering, and inverse scattering.*

I will talk about some recent progress on the question of whether a given scatterer would not be scattered (from outside observer) by some incident waves. This is related to interior transmission eigenvalues, cloaking, inverse problems, as well as free boundary problems. (Received August 31, 2021)