

1030-78-278

Gang Bao* (bao@math.msu.edu), Department of Mathematics, Wells Hall, Michigan State University, East Lansing, MI 48824-1027. *Some Mathematical Problems in Optics: A Preliminary Report*. Preliminary report.

In this talk, the speaker will present recent results from our research group on mathematical and computational modeling of optics in complex structures/media. Both direct modeling and inverse problems will be discussed. (Received August 05, 2007)