## 1056-35-1438 **Daniel t Onofrei\*** (onofrei@math.utah.edu), 1126 Michigan Avenue, salt lake city, UT 84105. Near cloaking defeats the anti-cloak.

Cloaking theory gained a lot of attention in the recent years in both the physics and the applied mathematics communities. We will present the idea behind the near cloaking scheme recently proposed by Kohn, Onofrei, Vogelius and Weinstein and discuss how this scheme cloaks objects with negative index of refraction as well, thus defeating the anti-cloak structure proposed by Chen, Luo, Ma, and Chan. (Received September 21, 2009)