$A(\omega_1,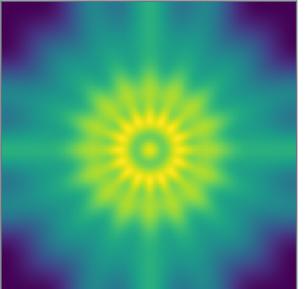 \omega_2)$