Wireless Communications

HW1

2) From previous question,
$$d = \sqrt{d^2 + (h_t - h_r)^2}$$

$$d'' = \sqrt{d^2 + (h_t + h_r)^2}$$

for null signal,
$$\underline{Ad} = (2m+1) \pi$$

Clugging into above formule -

$$pd = \frac{8 h_r p h_t}{\lambda (2m+1)} =$$

