



b) amplitude du situs = \(\frac{3^2}{3^2} = \frac{125}{5} = 57 \) même \(\text{complitude.} \) ampetitude du coutres = 5 même direction (4/5, 3/5,0) champ du sinus . champ dosinus = 0 (3,4,0) (0,0,5) Sihus I Corino since diphose de 90° par rapport ou cosines V même friquence = W = 7.5 × 10° rad/s e) Ho= nxEo Z= \[\frac{\pi}{\x} = \frac{\pi}{\pi} = \frac{\pi}{2} = \[\frac{188.50}{\x} \] $H = \frac{1}{188.5} | \hat{x} | \hat{y} | \hat{z} | = 3\cos(\hat{x} - 4\cos(\hat{y})) | \hat{z} | = 3\sin(\hat{x} - 4\sin(\hat{y})) | \hat{z} | = 3\cos(\hat{x} - 4\cos(\hat{y})) | \hat{z} | = 3\cos(\hat{x} - 4\cos(\hat{x})) | = 3\cos(\hat{x} - 4\cos(\hat{x})) | = 3\cos(\hat{x} - 4\cos(\hat{x})) | = 3\cos(\hat{x} -$ H=(0.0152-0.0219) Co (wt-42-34)-0.026 Sin(wt-42-34) 35inl) -45inl) 5cool) 0.015cool) -0.021cool) -0.0265inl) P= (0.1065in4)+0106602) 2 + (0.0795in()+0.079600() $P = 0.106 \% + 0.079 \% \text{ W/m}^2$

