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Frequency  $2 F \omega \pi = 1.4$ . Wave Velocity --  $V$  For A Wave Velocity  $V$ , Wavelength  $\lambda$  And Frequency  $F$ :  $Vf = \lambda 2 2 V \omega \pi \beta =$  Substituting In For  $\omega$  Using  $\beta\omega = \pm lc$ . (1.3) We Obtain  $1 V LC =$  (1.6) Note: If The Device Is Air Cored, Then The Veloci Mar 1th, 2024

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 $A_1 A_2 A_3 B_1 B_2 B_3 = (A_2 B_3 - A_3 B_2)\hat{x}^1 + (A_3 B_1 - A_1 B_3)\hat{x}^2 + (A_1 B_2 - A_2 B_1)\hat{x}^3$ , (6.3) Where  $\hat{x}^1$  (pronounced "x Hat") Is A Unit Vector In The X1 Direction. The ... Jan 1th, 2024

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