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 $2 2 V \omega \pi \pi \beta =$ Substituting In For ω Using $\beta \omega = \pm lc$. (1.3) We Obtain $1 V LC = (1.6)$
 Note: If The Device Is Air Cored, Then The Velocity Jun 2th, 2024.

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Figure 6.1. Rectangular, Cylindrical, And Spherical Coordinate Systems. The Cross
Product Of These Vectors Is $\vec{A} \times \vec{B} = \hat{x}^1 \hat{x}^2 \hat{x}^3 \begin{vmatrix} A_1 & A_2 & A_3 \\ B_1 & B_2 & B_3 \end{vmatrix} = (A_2 B_3 - A_3 B_2)\hat{x}^1 + (A_3 B_1 - A_1 B_3)\hat{x}^2 + (A_1 B_2 - A_2 B_1)\hat{x}^3$, (6.3) Where \hat{x}^1 (pronounced
"x Hat") Is A Unit Vector In The x_1 Direction. The ... Jun 1th, 2024Electromagnetic
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