Joseph Hemendes

$$d = 0.5$$
 $\frac{2d}{4} = \frac{2 \times 0.5}{1.5} = 666.67 \text{ m/s}$

$$20.25 \text{m}^3 \rightarrow \text{Cm}^3$$
 Im = 100000 Cm

$$\sqrt{\chi_1^2} = 10(65 \text{ K} + 10 \text{ Sin 15})$$
 $\sqrt{2} = 20\cos 135 \text{ i} + 20\sin 135\text{ j}$
 $\sqrt{\chi_1^2} = 9.06 \text{ i} + 2.5892$ = -14.147 \text{i} + 14.142\text{j}

$$\begin{array}{c} \text{Th} \ X(0) = -2(0) + 2(0)^2 = 0 & 4 - 0 = 2 \\ X_{-}(2) = 2(2) + 2(2)^2 = 4 & 2 - 0 = 2 \end{array}$$

= 0.14 m/s