Should state where this comes Taylor series: 2 Jaylor series: 2 Jaylor As L 200,

As L-> infinity, this goes to zero

2. $E = \frac{\sigma_0}{\gamma E_0} + \frac{1}{4\pi} \left(\frac{\omega^2}{42 \sqrt{2} + \omega^2/2} \right)$ Taylor Series: $\sqrt{\frac{52\pi}{ab}} + O(2^3) + (-\sqrt{\frac{552}{b}} + O(2^3))$ Z=0, Calculated using Wolfram Alpha

 $E = \frac{\sigma_0}{W_{\mathcal{E}_0}} \left(\frac{\gamma}{2} \right) = \frac{\sigma_0}{2E_0}$

from. Your subscript is rho, but there is no rho in the equation.

Make sure that you review what a Taylor series is. This is simply an algebraic re-write.

Scanned by TapScanner