Exercise: Units of the wave equation

mass x acceleration = forces

[kg] $\begin{bmatrix} m \\ s^2 \end{bmatrix}$ [N] = $\begin{bmatrix} kg m \\ s^2 \end{bmatrix}$ Newton

No mostly use the wave equation written as $S = \frac{3}{6} \frac{2}{4} - V \cdot T = f$ What are the corresponding units?

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The material properties are given by

- density &

- bulk & shear modulus, Young modulus, Lamé parameters

-> what follows for the clastic tueor =?

Consider Hocke's Pan

T = C : E with strain E and stress T

What are the units of I and E?