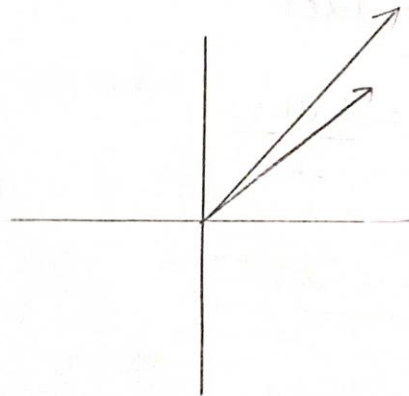Elastic <u>deformation</u>

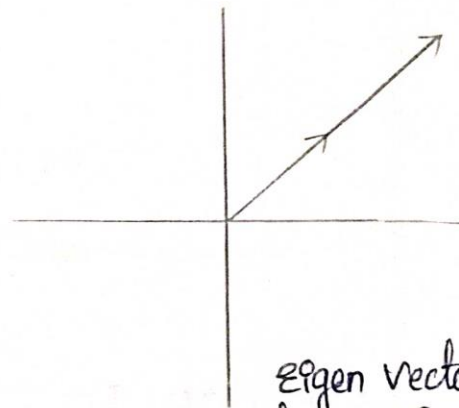$$y = A x \longrightarrow \text{eigen value}$$

Strecting <u>of an</u> elastic <u>membrane</u> :-

⇒ elastic <u>deformation</u> :-

An object returns to its original shap when the forces is remaved.

change in magnitude and direction

eigen vector change in magnitude & not change direction