$$V' = \epsilon \vec{V}$$
$$(V_b' - V_a') \cdot \vec{n} = -\epsilon (V_b - V_a) \cdot n$$

$$\frac{J}{m} = \Delta v$$
$$J = j \vec{n}$$

$$V_a' = V_a - \frac{j \vec{n}}{mass_a}$$
$$V_b' = V_b + \frac{j \vec{n}}{mass_b}$$

$$(V_b + \frac{j \vec{n}}{mass_b} - (V_a - \frac{j \vec{n}}{mass_a})) \cdot \vec{n} = -\epsilon (V_b - V_a) \cdot \vec{n}$$
$$(V_b + \frac{j \vec{n}}{mass_b} - V_a + \frac{j \vec{n}}{mass_a}) \cdot \vec{n} + \epsilon (V_b - V_a) \cdot \vec{n} = 0$$
$$(V_b - V_a + \frac{j \vec{n}}{mass_b} + \frac{j \vec{n}}{mass_a}) \cdot \vec{n} + \epsilon (V_b - V_a) \cdot \vec{n} = 0$$
$$(V_b - V_a) \cdot \vec{n} + (\frac{j \vec{n}}{mass_b} + \frac{j \vec{n}}{mass_a}) \cdot \vec{n} + \epsilon (V_b - V_a) \cdot \vec{n} = 0$$
$$\vec{n} \cdot \vec{n} = 1$$
$$(V_b - V_a) \cdot \vec{n} + j (\frac{1}{mass_b} + \frac{1}{mass_a}) + \epsilon (V_b - V_a) \cdot \vec{n} = 0$$
$$(1 + \epsilon)(V_b - V_a) \cdot \vec{n} + j (\frac{1}{mass_b} + \frac{1}{mass_a}) = 0$$
$$j (\frac{1}{mass_b} + \frac{1}{mass_a}) = -(1 + \epsilon)(V_b - V_a) \cdot \vec{n}$$

$$j = \frac{-(1 + \epsilon)(V_b - V_a) \cdot \vec{n}}{(\frac{1}{mass_b} + \frac{1}{mass_a})}$$