

$$(\vec{a} - \vec{b}) \times (\vec{a} + \vec{b}) = 2(\vec{a} \times \vec{b})$$

$$\underbrace{\vec{a} \times \vec{a}}_0 + \vec{a} \times \vec{b} - \underbrace{\vec{b} \times \vec{a}}_{\vec{a} \times \vec{b}} - \underbrace{\vec{b} \times \vec{b}}_0$$

$$\vec{a} \times \vec{b} + \vec{a} \times \vec{b} = 2(\vec{a} \times \vec{b})$$

ardalan Ghaorchian

3033694083