



$$\vec{EF} = \frac{1}{2} (\underline{b}^{\perp} + \underline{c}^{\perp}) \quad (\text{korollar zu bisanzahlst})$$

$$\vec{BC} = \underline{b} + \underline{c}$$

$$\Rightarrow \vec{EF} \perp \vec{BC} \quad \text{weil} \quad |\vec{EF}| = \left| \frac{1}{2} (\underline{b}^{\perp} + \underline{c}^{\perp}) \right| = \left| \frac{1}{2} (\underline{b} + \underline{c}) \right| = \frac{1}{2} |\vec{BC}|$$