

$$\Delta P_2 M_1 M_2 \cong \Delta P_2 \mathcal{M}_1 \dots \dots$$

$$\text{maka } |\overline{P_2 M_1}| = |\overline{P_2 \mathcal{M}_1}|$$

$$\text{dan } \angle P_2 M_1 M_2 = \angle P_2 \mathcal{M}_1 M_2$$

$$\text{Lihat } \Delta P_1 P_2 M_1 \text{ dan } \Delta P_1 \mathcal{P}_2 \mathcal{M}_1$$

$$|\overline{P_1 \dots \dots}| = |\overline{P_1 \mathcal{M}_1}|$$

$$|\overline{P_2 M_1}| = |\overline{\dots \dots \mathcal{M}_1}|$$

$$\angle P_2 M_1 P_1 = 90^\circ - \angle P_2 M_1 \dots \dots$$

$$\angle P_2 \mathcal{M}_1 P_1' = 90^\circ - \angle P_2 \mathcal{M}_1 \dots \dots = 90^\circ - \angle P_2 M_1 M_2$$

$$\text{Oleh karena itu, } \angle P_2 M_1 \dots \dots = \angle P_2 \mathcal{M}_1 P_1'$$

Sisi – Sudut – Sisi

$$\Delta P_1 P_2 M_1 \cong \Delta P_1 \mathcal{P}_2' \dots \dots$$

$$\text{Jadi, } |\overline{P_1 P_2}| = |\overline{P_1' \dots \dots'}|$$

Jadi, transformasi t adalah