名· 後野经 教差. de= 1(Pi-Pb)×(Pi-Pa)

$$i \mathcal{E} Y = \frac{(\hat{P_i} - P_b) \times (\hat{P_i} - \hat{P_a})}{|\hat{P_a} - \hat{P_b}|},$$

那么.
$$\frac{\partial dq}{\partial \vec{p}_i} = \frac{\partial |Y|}{\partial \vec{p}_i} = \frac{\partial$$

$$=\frac{Y}{|Y|}\cdot\frac{\partial Y}{\partial \overline{f}i}=\frac{Y}{|Y|}\cdot\frac{(\overline{fa}-\overline{fb})^{1}}{|\overline{fa}-\overline{fb}|}\cdots0$$

$$=\frac{Y}{|Y|}\cdot\frac{\partial Y}{\partial \vec{p}i} = \frac{Y}{|Y|}\cdot\frac{(P_{\alpha}-P_{b})^{1}}{|P_{\alpha}-P_{b}|}\cdot 0) \quad \text{ [2583] Filter }$$

$$\frac{\partial P_{i}}{\partial T} = \frac{\partial (T\cdot P_{i})}{\partial T}\cdot 2 \quad \text{[31.06s]} \quad \text{[31.0$$

$$=\frac{\partial (T \cdot Pi)}{\partial SS} - = \begin{bmatrix} I - (RPi + t)^{-1} \\ O^{T} & O^{T} \end{bmatrix} - O$$

$$J_2 = \frac{\partial d_2}{\partial T} = \frac{\partial d_2}{\partial \tilde{f}} \cdot \frac{\partial \tilde{f}}{\partial T}, 校凡公式0,C%$$

$$J_{\alpha} = \frac{Y}{|Y|} \cdot \frac{(P_{\alpha} - P_{b})^{\Lambda}}{|P_{\alpha} - P_{b}|} \cdot \begin{bmatrix} I - (RP_{i} + t)^{\Lambda} \\ 0 \end{bmatrix}$$

$$=\frac{Y}{|Y|}\cdot\frac{(\mathcal{P}_{\alpha}-\mathcal{P}_{b})^{1}}{|(\mathcal{P}_{\alpha}-\mathcal{P}_{b})|}\cdot \left[1-(\mathcal{R}\mathcal{P}_{i}+t)^{1}\right]$$

° 1:
$$J_{\varepsilon} = \frac{Y}{|Y|} \cdot \frac{(P_a - P_b)^{1}}{|(P_a - P_b)|} \cdot \overline{L} I - (P_b \cdot P_b + t)^{T}$$

2. And \$\frac{1}{3}\text{R} \text{R} \