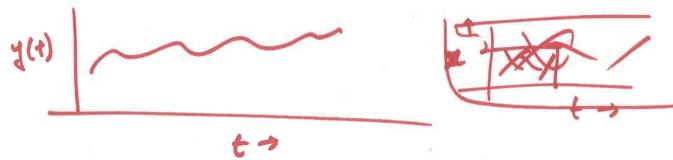
(

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ICA - Independent Component Analysis.

$$\frac{ds_i}{d\theta} / \frac{ds_j}{d\theta} = 0$$

$$5i.Sj = 0$$



$$y(t) = \sum_{i=1}^{n} sin(2\pi f_i + \phi_i)$$

$$+ i$$

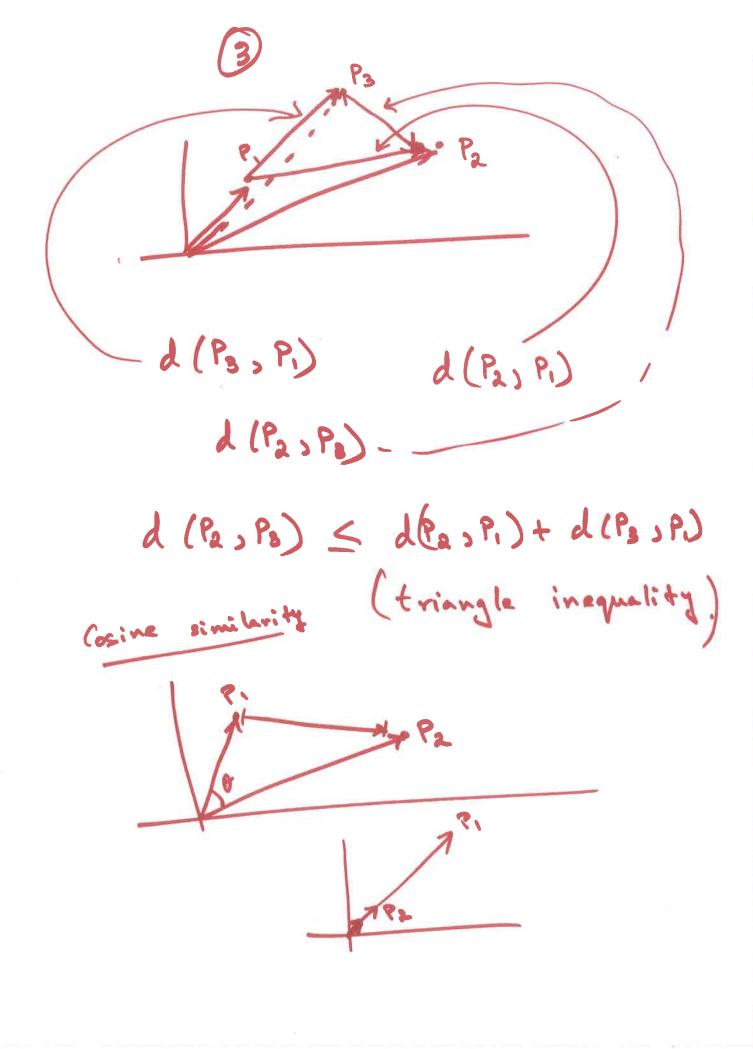
$$f_i = \int_{-\infty}^{\infty} |s_i|^2 |s_i|^2$$

$$f_i = \int_{-\infty}^{\infty} |s_i|^2 |s_i|^2$$

$$P_{3} = \alpha P_{3}^{2} + \alpha P_{3}^{2} \hat{1}
 P_{3} = \alpha P_{3}^{2} \hat{1} + \alpha P_{3}^{2} \hat{1}
 P_{3} - P_{1} = (\alpha P_{3} - \alpha P_{1})^{2} \hat{1} + (\alpha P_{3} - \alpha P_{1})^{3} \hat{1}
 = \alpha P_{3}^{2} \hat{1} + \alpha P_{3}^{2} \hat{1} + \alpha P_{3}^{2} \hat{1} + (\alpha P_{3} - \alpha P_{1})^{3} \hat{1} + (\alpha P_{3} - \alpha P_{1})^{3} \hat{1}$$

$$Ae = |\vec{P}_1 - \vec{P}_1|$$
 de >, 0 (Positive definite)

d(P1, P3) = d(P3, P1) (symmetric)



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(os (di)da) =

120 d2 1121 1121

 $= \begin{bmatrix} \vec{J}_{1} \\ ||\vec{J}_{1}|| \end{bmatrix} \odot \begin{bmatrix} \vec{J}_{2} \\ ||\vec{J}_{2}|| \end{bmatrix}$

unit vector
along the
direction of I,



