$$X = A \cdot S.$$

$$A^{2 \times 2}. \quad A \begin{pmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{pmatrix}.$$

$$X \rightarrow A, \underline{\underline{S}}.$$

ICA.

$$W:$$

$$\underset{Y}{\underline{WX}} = \underset{B}{\underline{WA}} \cdot \underline{\underline{S}} \rightarrow \begin{pmatrix} S_1 \\ S_2 \end{pmatrix}. \quad \text{pdf}$$

$$Y = B \cdot S$$

$$\boxed{\begin{array}{l} p(\delta_1, \delta_2) \\ = p(\delta_1) \cdot p(\delta_2). \end{array}}$$

Find M demixing matrix $\quad 2 \times T$

$$Z = MY = \underline{M \cdot B \cdot S} = \begin{pmatrix} \xleftrightarrow{\quad\quad} \\ \underline{\quad\quad\quad} \end{pmatrix} \begin{matrix} \delta_1 \\ \delta_2 \end{matrix}$$