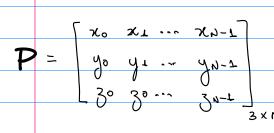
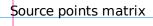
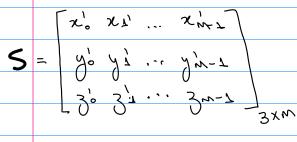
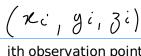
## Squared Euclidean Distance Matrix (SEDM) Observation points matrix









ith observation point

jth source point

Squared Euclidean distance

$$d_{ij}^{z} = (x_{i}^{z} - x_{ij}^{z}) + (y_{i}^{z} - y_{ij}^{z})^{2} + (3_{i}^{z} - 3_{ij}^{z})^{2}$$

$$i = 0, ..., N-1 \quad j = 0, ..., M-1$$

## Squared Euclidean Distance Matrix (SEDM)

$$\mathbf{D} = \begin{bmatrix} q_{00} & \dots & q_{N-1 \, m-1} \\ \vdots & \ddots & \ddots \\ \vdots$$

