$$\left[\mathbf{z}^{(1)}, \ldots, \mathbf{z}^{(K)} \right] = \begin{bmatrix} \mathbf{z}_1^{(1)} & \cdots & \mathbf{z}_1^{(K)} \\ \vdots & & \vdots \\ \mathbf{z}_M^{(1)} & \cdots & \mathbf{z}_M^{(K)} \end{bmatrix}$$