$$[\mathbf{z}^{(1)},...,\mathbf{z}^{(K)}] = \begin{bmatrix} \mathbf{z}_{C} \\ \mathbf{z}_{M}^{(1)} \end{bmatrix},...,\begin{bmatrix} \mathbf{z}_{C} \\ \mathbf{z}_{M}^{(K)} \end{bmatrix}$$