



$$\mathcal{R}^{C \times N} \times \mathcal{R}^{N \times N} \rightarrow \underbrace{\mathcal{R}^{C \times N} \times \mathcal{R}^{N \times 1}}_{=N} \rightarrow \underbrace{\mathcal{R}^{C \times S} \times \mathcal{R}^{S \times 1}}_{=N}$$