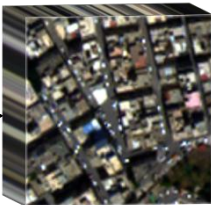


Original MS

$$\mathcal{M}^L \in \mathbb{R}^{h \times w \times c}$$

Upsampled MS

$$\mathcal{M} \in \mathbb{R}^{H \times W \times c}$$



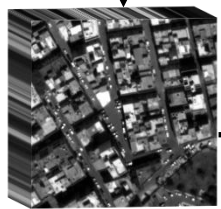
Original PAN

$$\mathcal{P} \in \mathbb{R}^{H \times W}$$

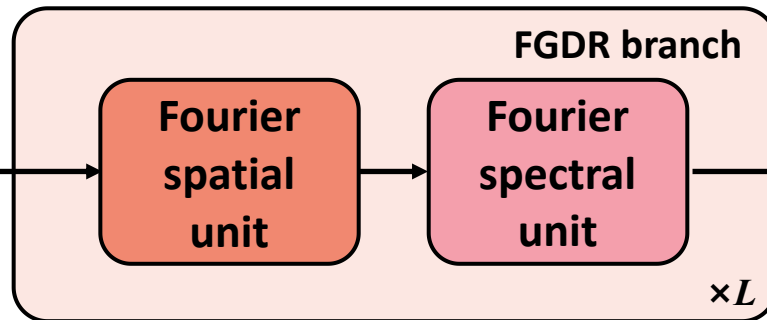
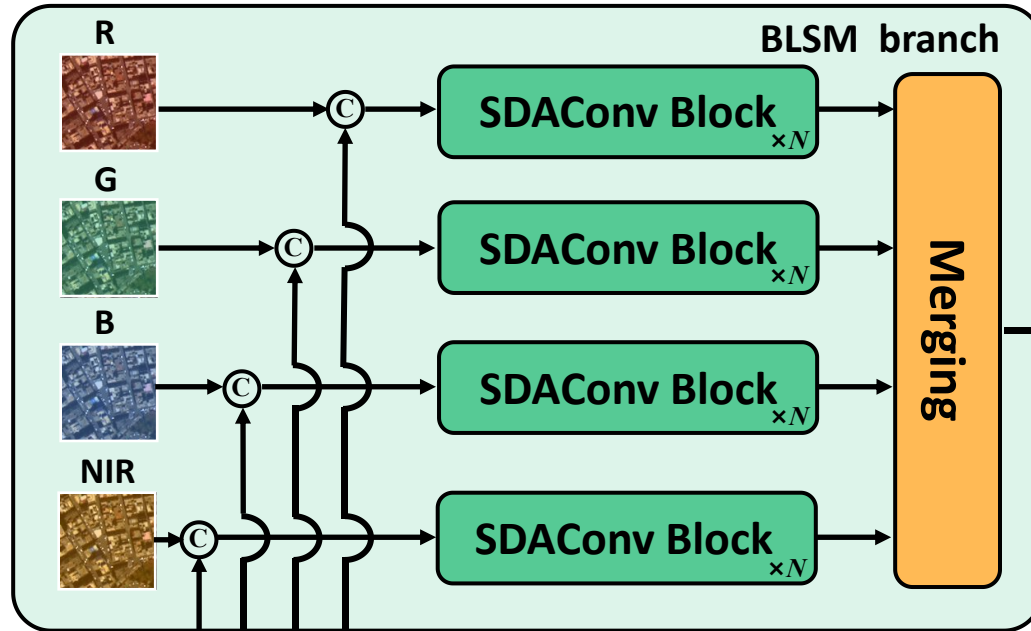


Duplicated PAN

$$\mathcal{P}^D \in \mathbb{R}^{H \times W \times c}$$



Splitting

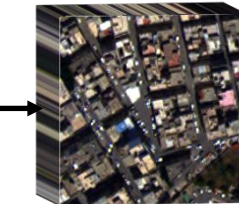


Global feature

Local feature

Fusion

Fused HRMS



$$SR \in \mathbb{R}^{H \times W \times c}$$

⊕ Concatenation

⬆ Upsampling

Ⓚ Duplication

⊖ Minus

⊕ Summation

→ Data flow direction