

D_w

Denoising Module:

$$Z^{(n)} = D_w(X^{(n-1)})$$

$A^2\mathcal{DC}$

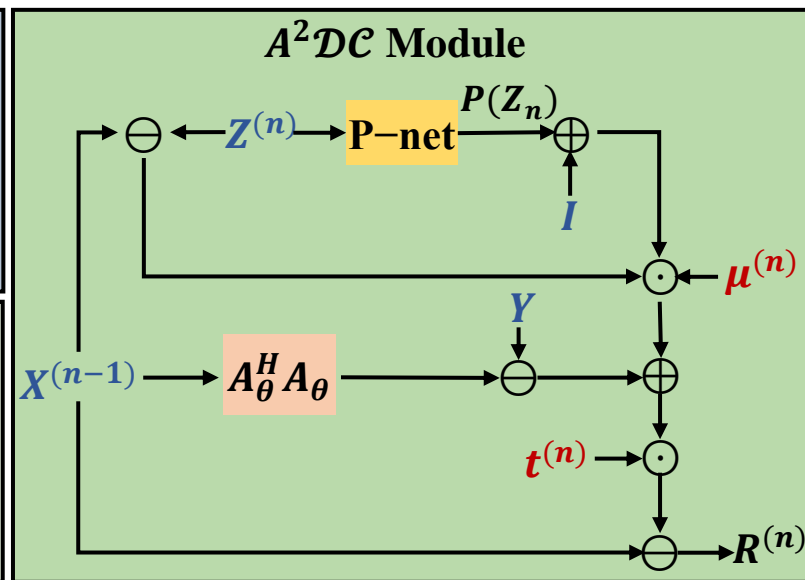
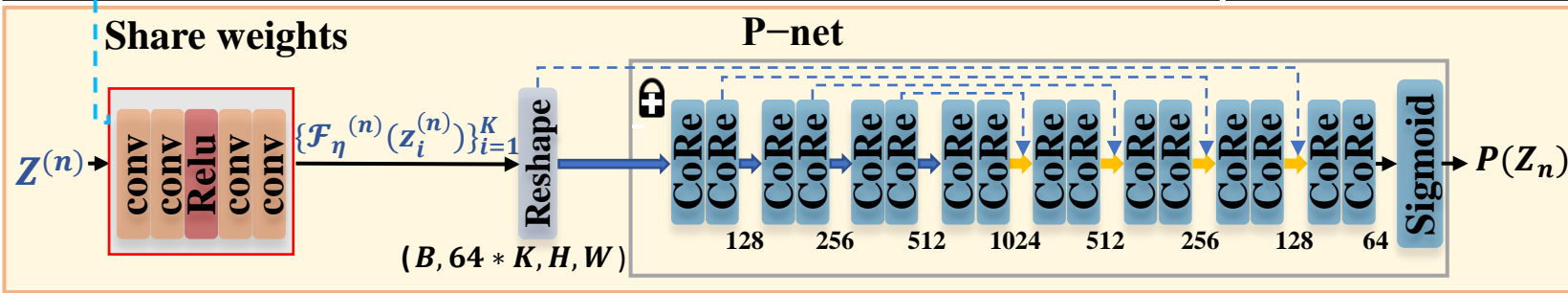
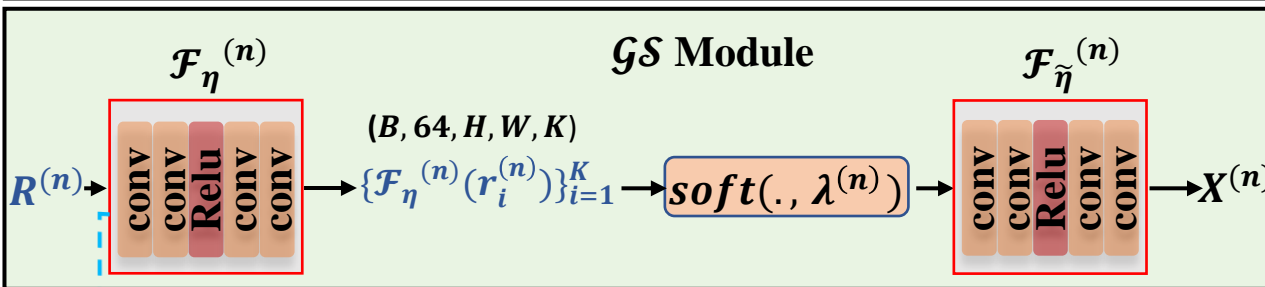
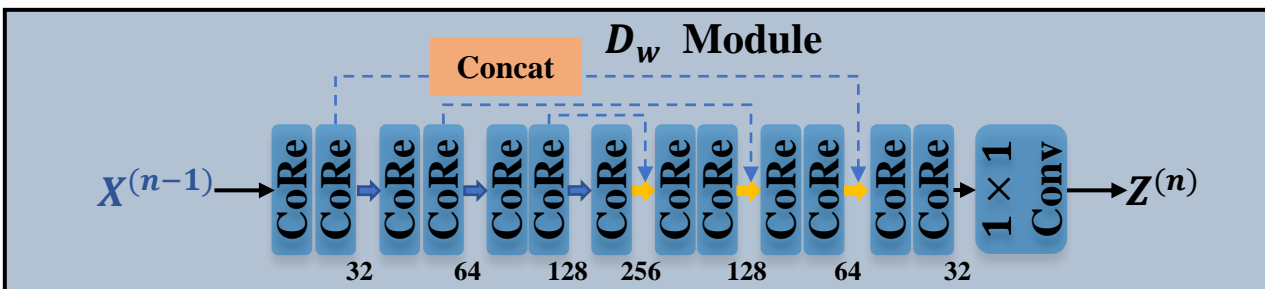
Anatomy-Aware Data-consistency Module:

$$R^{(n)} = A^2\mathcal{DC}(X^{(n-1)}, Z^{(n)}, Y)$$

\mathcal{GS}

Group Sparsity Module:

$$X^{(n)} = \mathcal{GS}(R^{(n-1)})$$



CoRe

**3 × 3 Conv,
BN, Relu**

↓

2 × 2 Maxpool

↑

2 × 2 Up-Conv