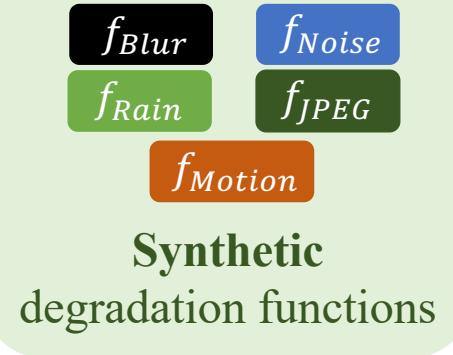
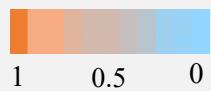


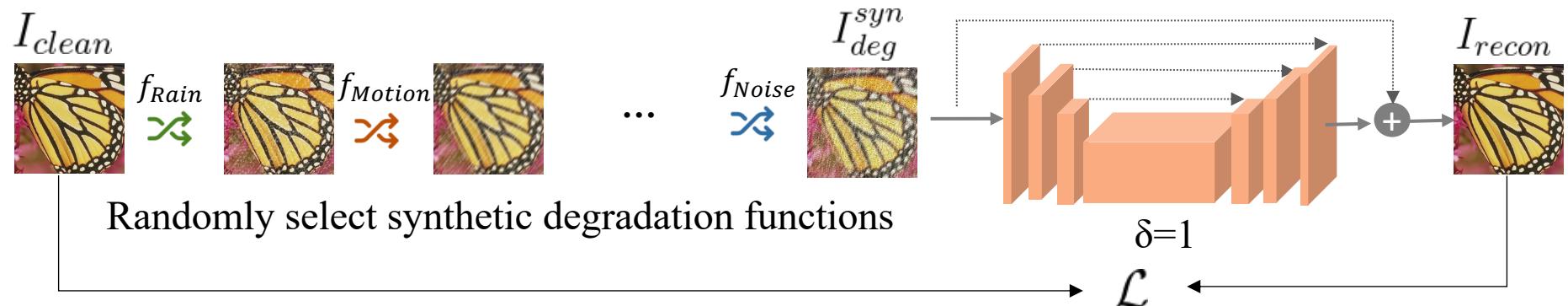
Pre-train



⤳ : Randomly select

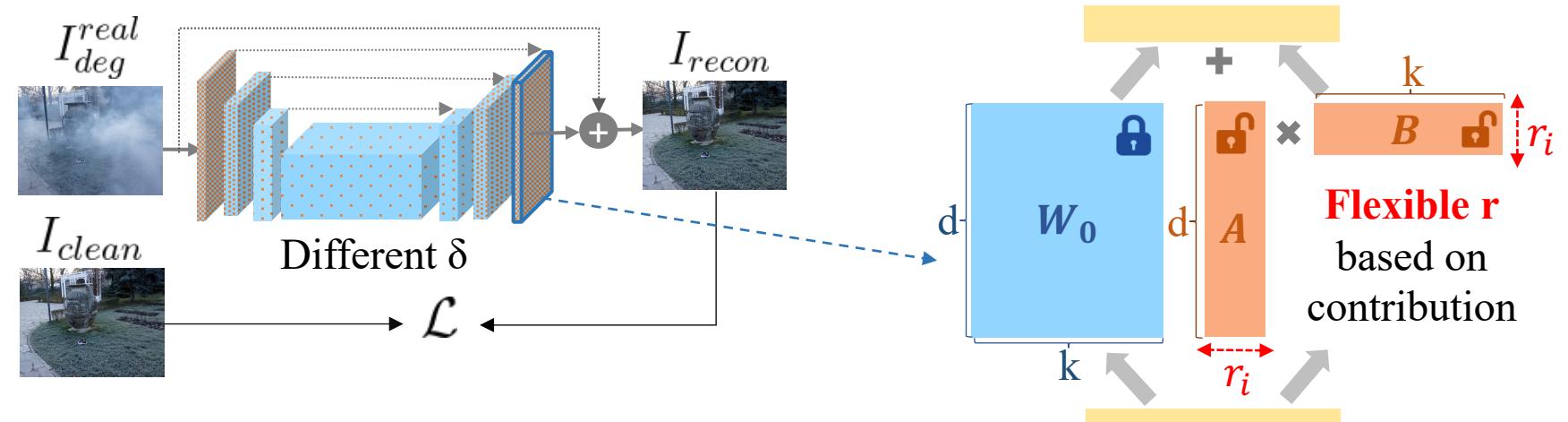


: Ratio of learnable network parameter (δ)



(a) Pre-train with Random Order Degradation (**PROD**)

Fine-tune



(b) Parameter efficient fine-tuning using **CoLoRA**

(c) **CoLoRA**