**FormResNet: Formatted Residual Learning for Image Restoration**

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**Problem**

Restore images (natural/depth) from corruptions, and recover more details

**Method**

- **FormResNet**
  - Formatted Residual Learning for Image Restoration
  - FormResNet: Formatted Residual Learning for Image Restoration

**Motivation**

- Fine structured details reconstruction (differentiate from noise)
- MSE-based optimization → blur
- Handle different corruptions independently

**Ablation Studies**

- Pixel-level MSE
- Feature-level loss
- Gradient-domain loss

**Results**

- FormResNet (28.21/0.9078)
- FormResNet w/o cross-level loss
- FormResNet w/ cross-level loss

**References**