

Cross-Modulation Networks For Few-Shot Learning

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Key idea: allow support and query examples to interact at each level of abstraction.

Extending the feature extraction pipeline of Matching Networks:

☆ Channel-wise affine transformations: $\text{FiLM}(\mathbf{x}) = (1 + \gamma) \odot \mathbf{x} + \beta$

☆ Subnetwork G predicts the affine parameters γ and β

