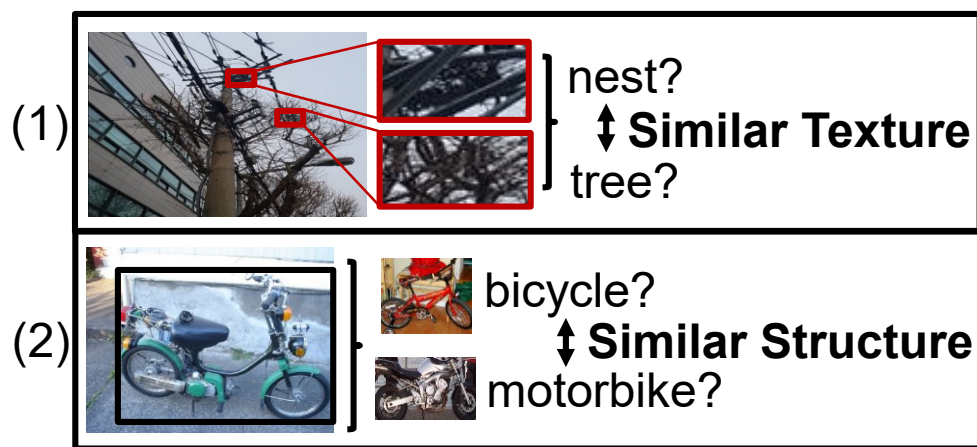# Object Detection for Similar Appearance Objects Based on Entropy

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- Problem: Difficult for detector to distinguish similar objects
- Our methods:
    1) Entropy loss is proposed for training
    2) The dataset is constructed
    3) High performance gain
    4) Analysis of the effect by entropy loss

(1) nest? ↕ **Similar Texture** tree?

(2) bicycle? ↕ **Similar Structure** motorbike?

Difficult to distinguish
similar appearance objects