

DropAttack: Leveraging Realistic Templates for Enhanced Universal Adversarial Attacks on Detectors

Things we need to fix and find a proper way of doing:

1. Loss function. (subrat)
2. Evaluation metrics. (somrita)
3. Update rule to have less textured.(subrat part of the loss function)
4. Templates: Dust, Fingerprint, sunray template subtle falling on a lens.(at least 4-5 templates, compare and contrast)
5. Motivation - Patch should be divided, inconspicuous, physical.Study the effect of patch placement versus position of the object (Somrita).

Important papers:

1. The Translucent patch.
2. A Physical and Universal Attack on Object Detectors.
3. Perceptual-Sensitive GAN for Generating Adversarial Patches.