Polynomial Universal Adversarial Perturbations for Person Re-Identification

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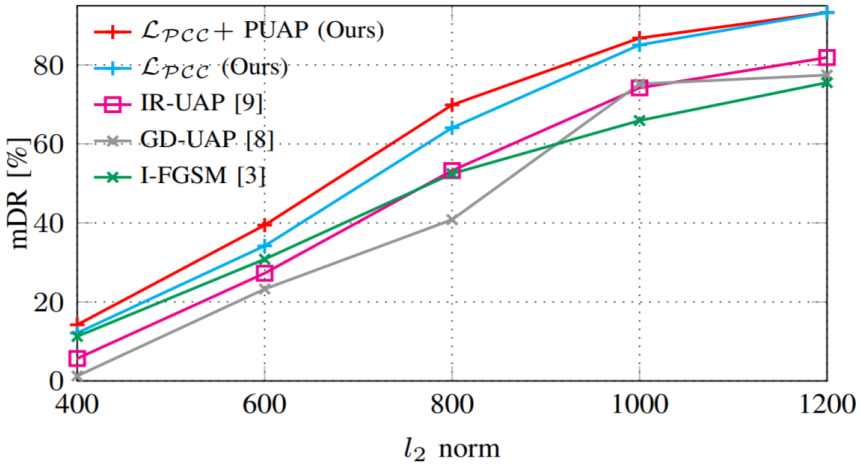
Problems of existing universal adversarial perturbations.

- Simple **constant form** limits the attack power.
- UAP attack on **open-set** tasks is challenging.

Contributions.

- Formulating the perturbation signal as a **polynomial form** for the first time.
- Introduce a **Pearson correlation coefficient** (*PCC*) loss.

Comparison results.



Framework