Context-based instance-level modulation (Col-M)

Rain-aware

$E(\cdot)$

Detail-aware

push

?

Guidance z

$\phi(\cdot)$

Modulated model

Instance-specific Result $f(x, z)$

$x \in \mathcal{D}$
$= \cup_{i=1}^{M} D_i$

Rain-/detail-aware contrastive learning

(a) An overview of the proposed CoIC

Searching rain layer bank
Add **most dissimilar** rain

Rain-aware negative exemplars $\tilde{x}$

x

Gaussian blur

Detail-aware negative exemplars y^b

y

(b) Rain-/detail-aware negative exemplars generation