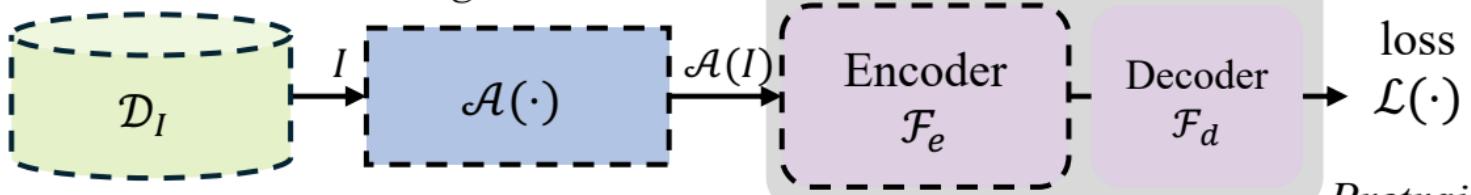


**HR & HFC  
data**

**Quality- and  
Aesthetics-aware  
degradation**

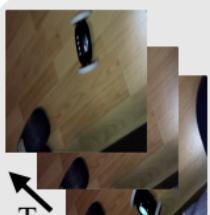
**Multi-scale  
model**  $\mathcal{G}(\cdot)$



Pretraining



modality: **image**



modality: **video**

*initialize*

Encoder  
 $\mathcal{F}_e$

task: **IAA**

MLP  
head

→ **image aesthetics score**

task: **IQA**

MLP  
head

→ **image quality score**

task: **VQA**

3D Conv  
head

→ **video quality score**

Finetuning