Just One Glance Detect Kinetic Object - VQ2D Task

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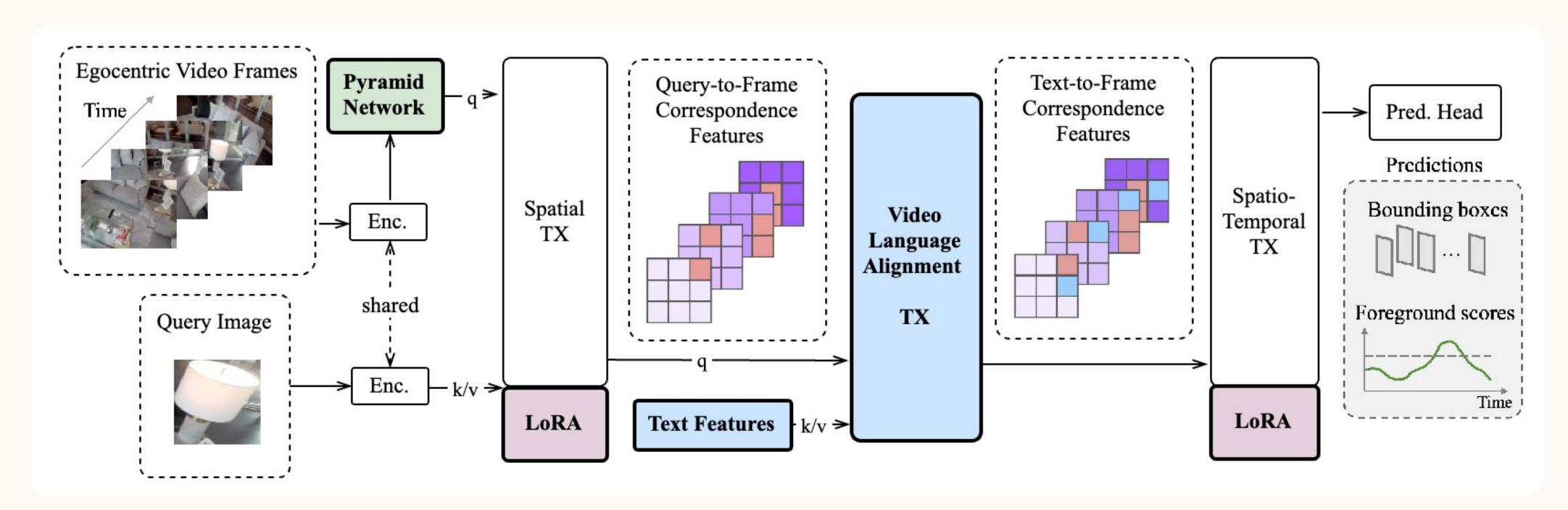
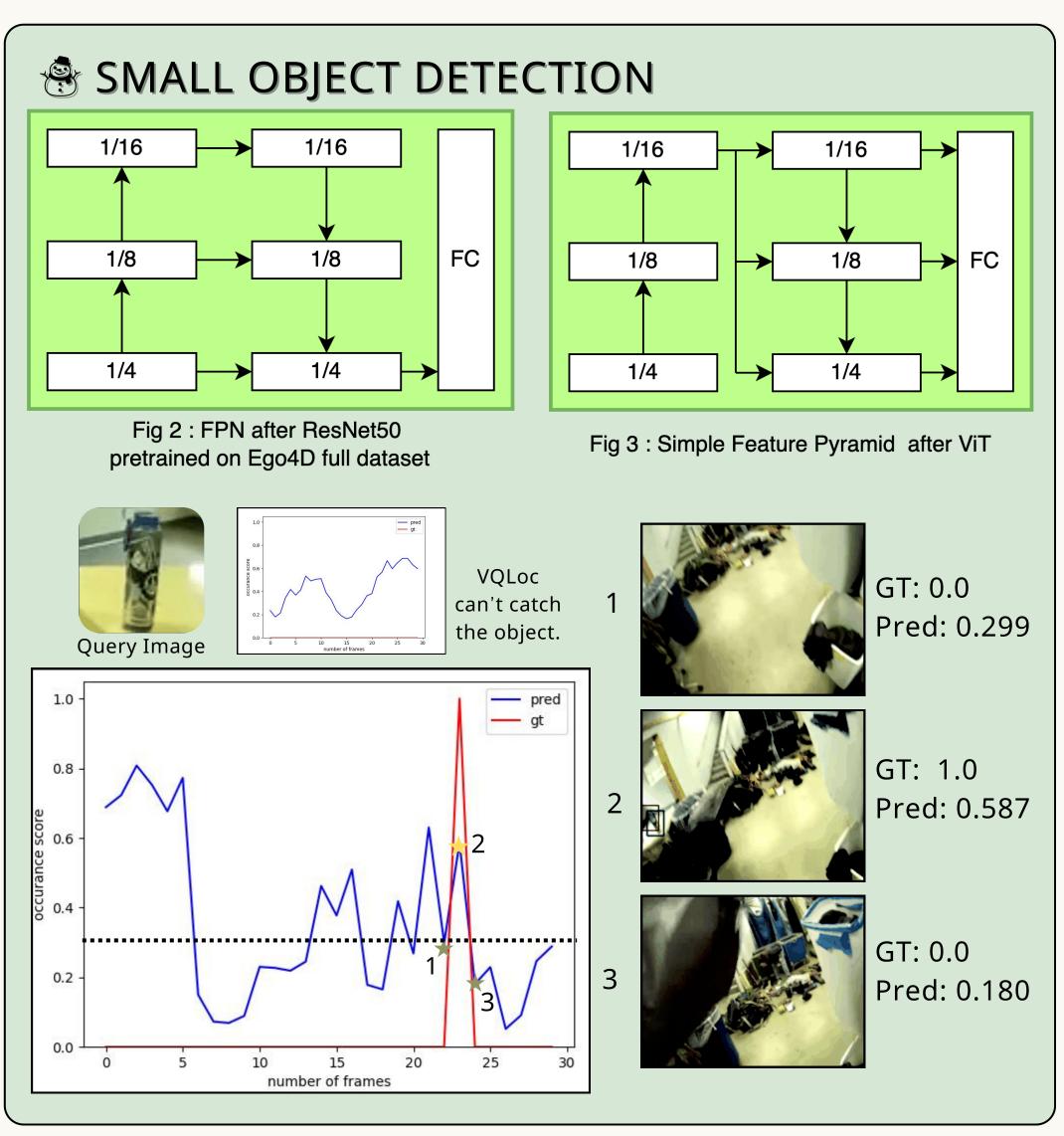


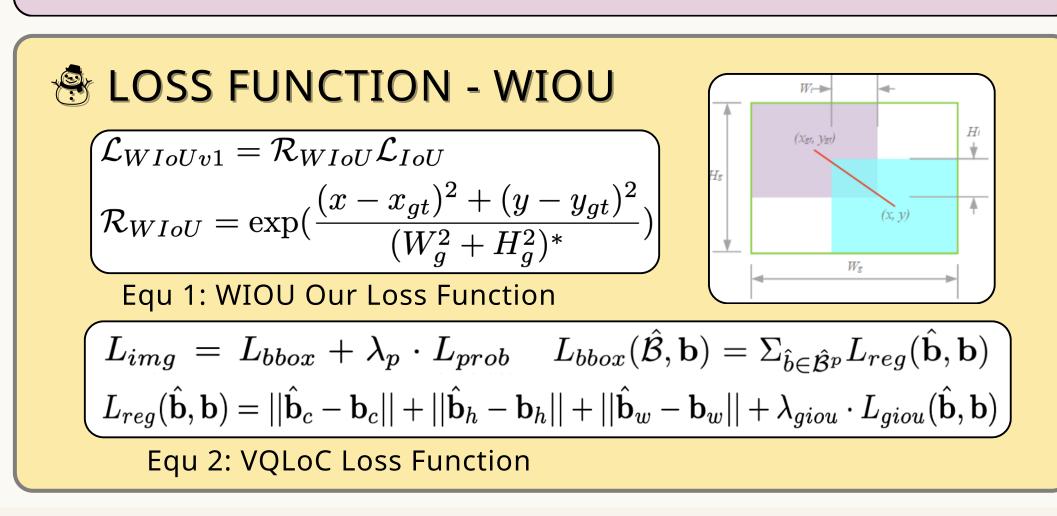
Fig1: Just One Glance Detect Kinetic Object (JOKO) Model.

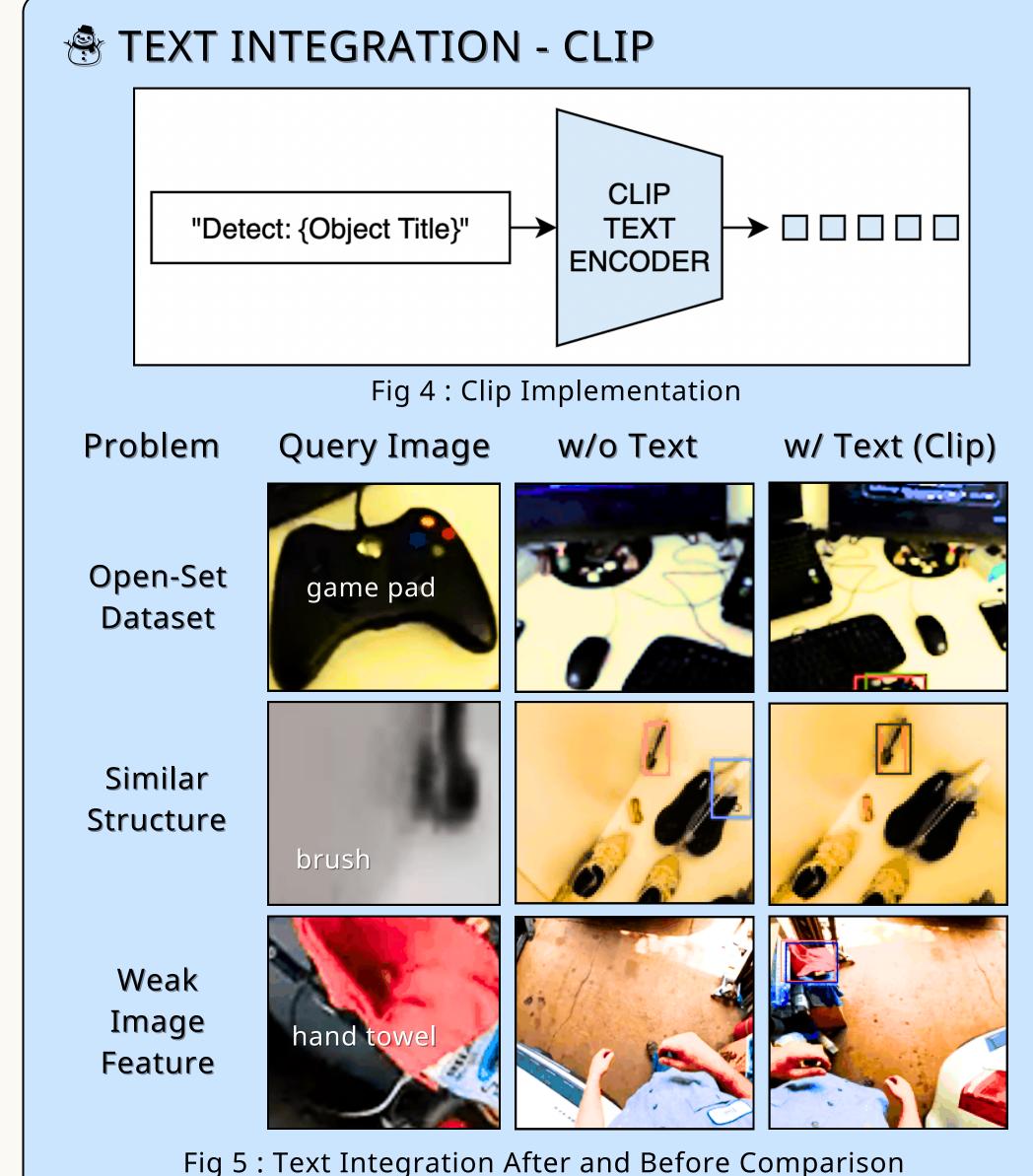
An end-to-end framework that performs spatio-temporal searches[1] with text integration and image scale improvement.



Dino Resnet50 WIOU Setting w/o Lora w/ Lora **Text** w/SPF w/FPN 29200 13491 23661 23870 9483 20079 Training time (s)

SPEED ACCELERATION





EXPERIMENT

Setting	stPA25
w/o pretrain	9.7941E-06
w/ Lora	0.3589464205
Text	0.3117680327
FPN	8.4839E-05
WIOU	3.7427E-06
PT on Complete Ego4D dataset	0.3923362006