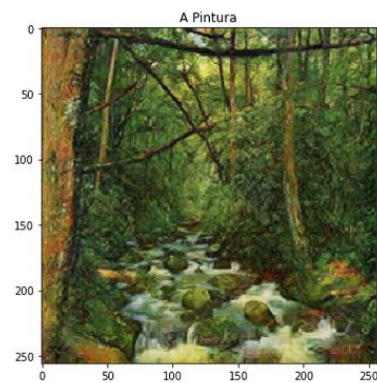
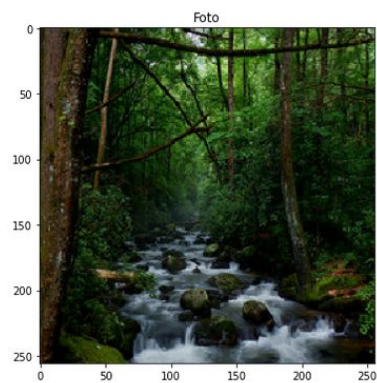
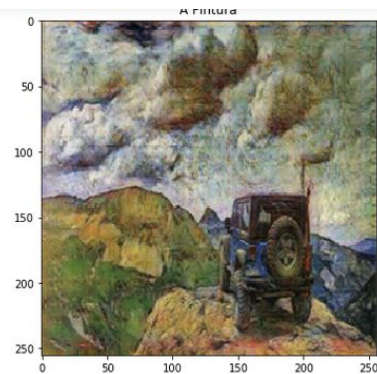
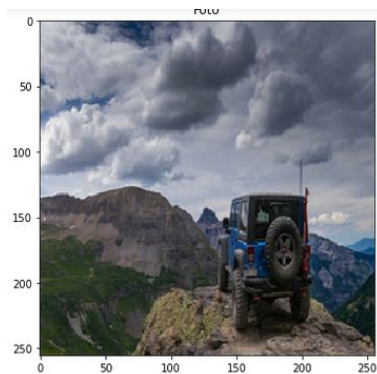


Transferencia de estilos con GANs

Francisco Aramburu

A dark blue diagonal gradient bar that starts from the bottom left and extends towards the top right, covering the lower half of the slide.

Tarea 3



Librerías

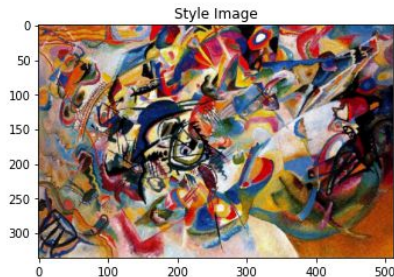
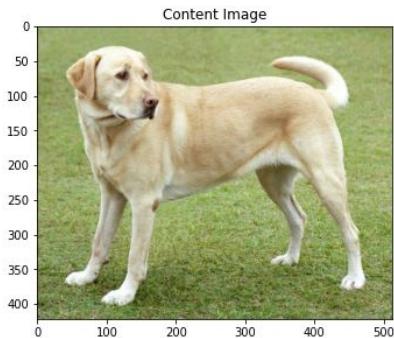


Transferencia básica

- VGG19

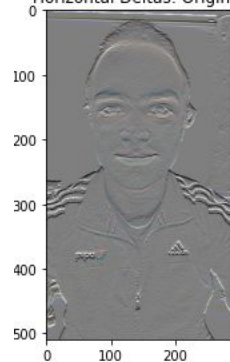
```
style_weight=1e-1  
content_weight=1e4
```

- StyleContentModel(tf.keras.models.Model)

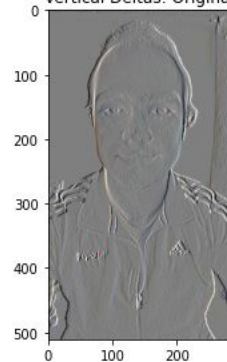


Transferencia básica

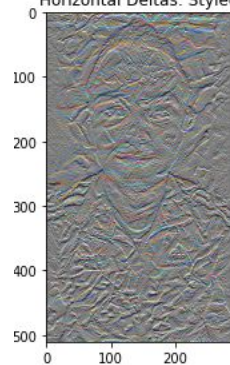
Horizontal Deltas: Original



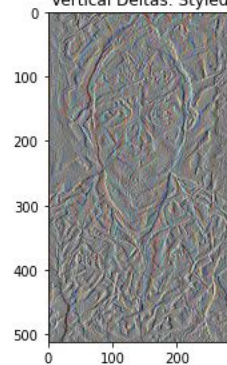
Vertical Deltas: Original



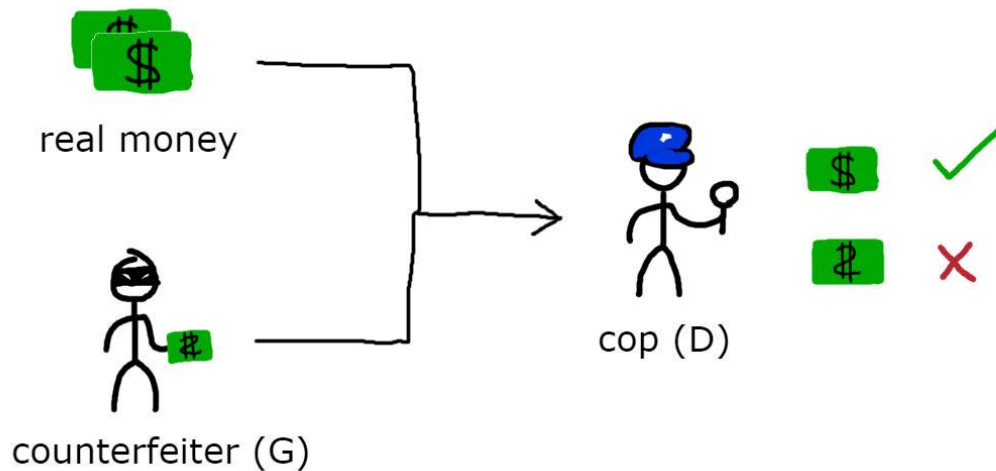
Horizontal Deltas: Styled



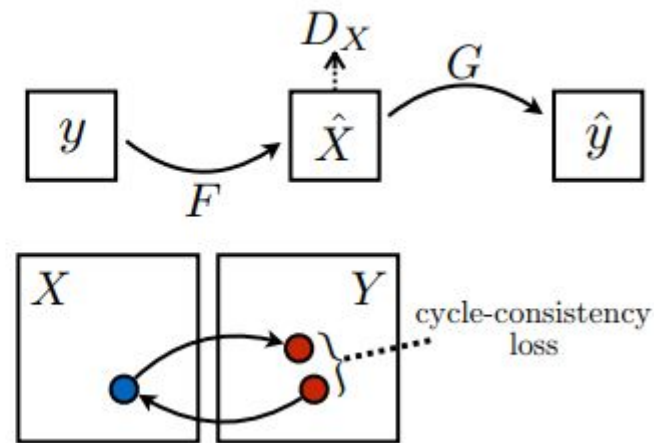
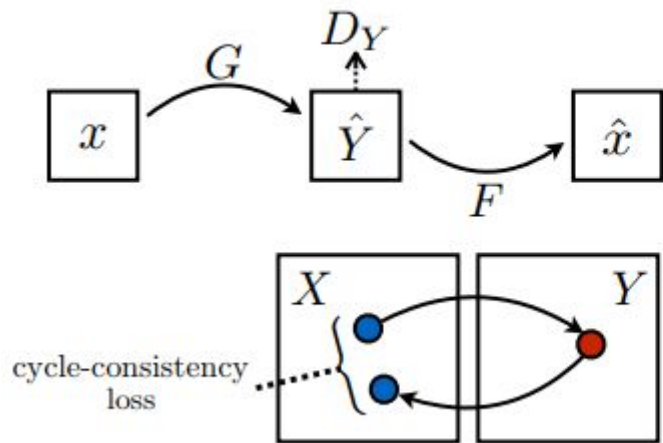
Vertical Deltas: Styled



Generative Adversarial Networks



Transferencia con GAN's

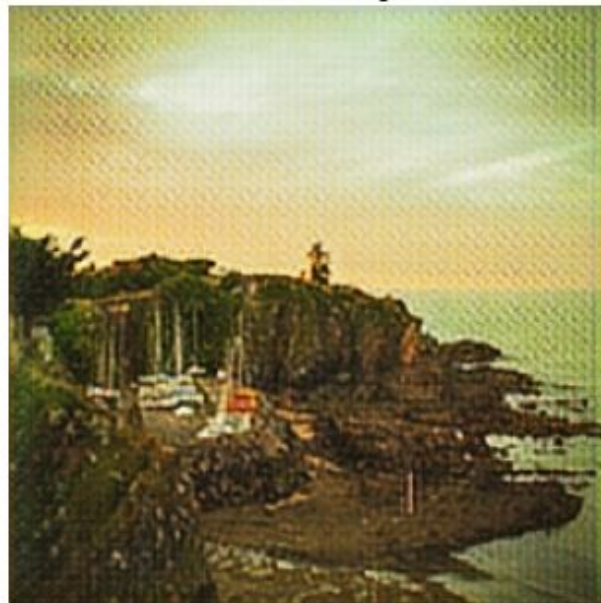


Entrenamiento

Input Image



Predicted Image



Time taken for epoch 2 is 191.3639051914215 sec

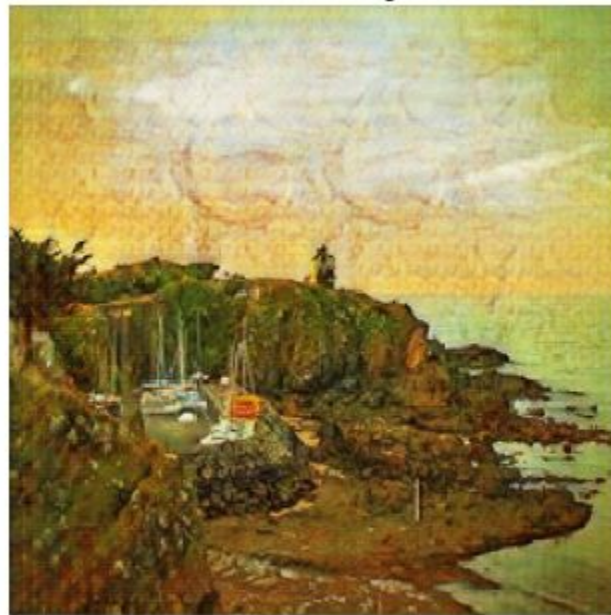
.....

Entrenamiento

Input Image



Predicted Image



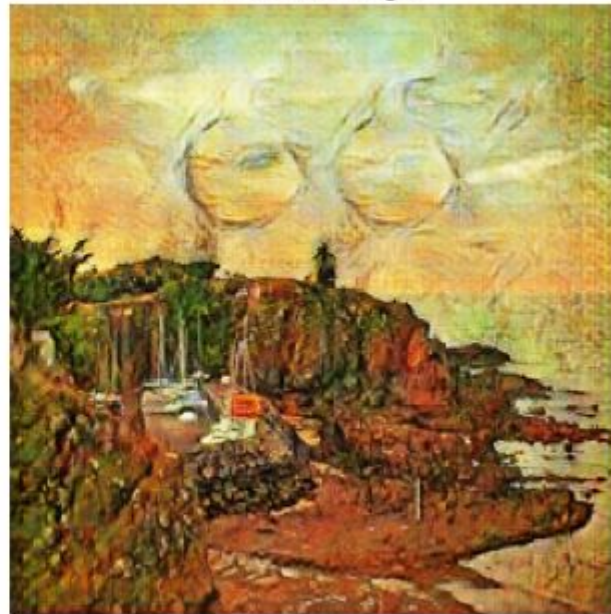
Saving checkpoint for epoch 50 at ./checkpointsProy/train/ckpt-10
Time taken for epoch 50 is 191.54301142692566 sec

Entrenamiento

Input Image



Predicted Image



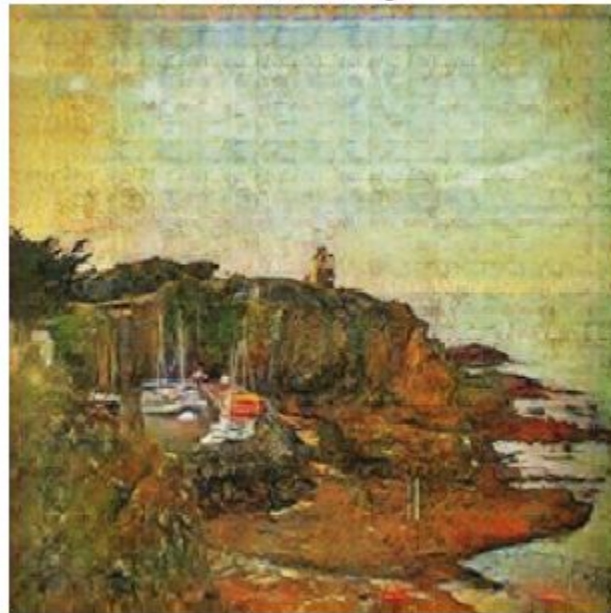
Time taken for epoch 51 is 190.18632411956787 sec

Entrenamiento

Input Image



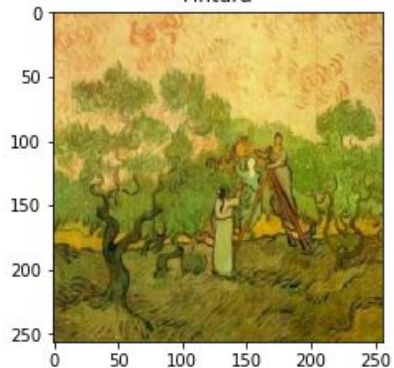
Predicted Image



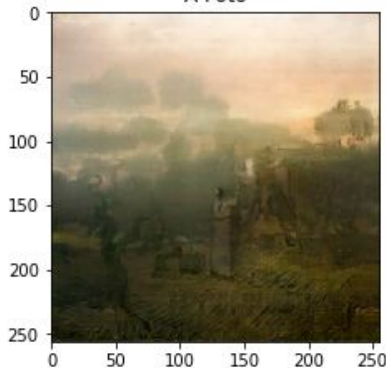
Saving checkpoint for epoch 200 at ./checkpointsProy/train/ckpt-40
Time taken for epoch 200 is 191.84271883964539 sec

Resultados

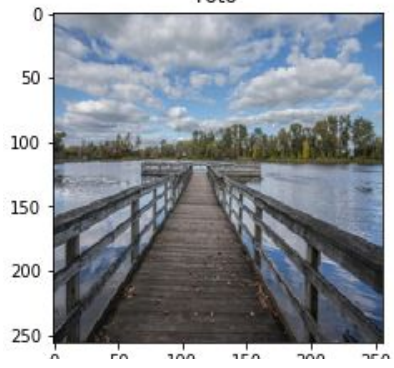
Pintura



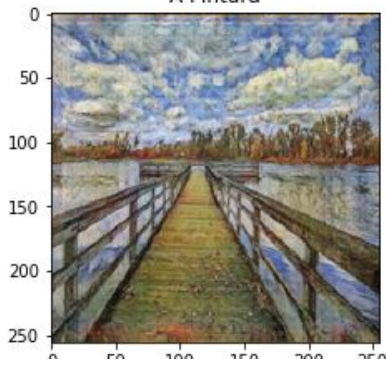
A Foto



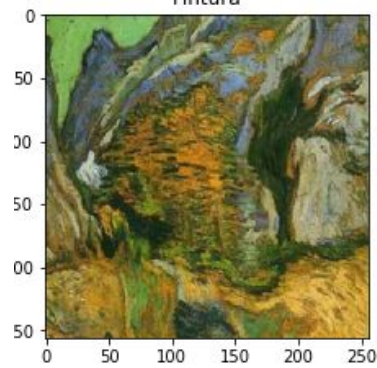
Foto



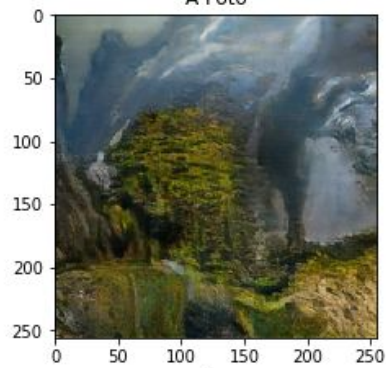
A Pintura



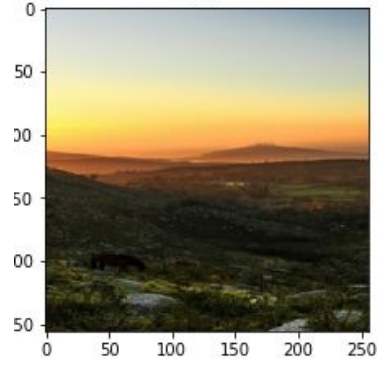
Pintura



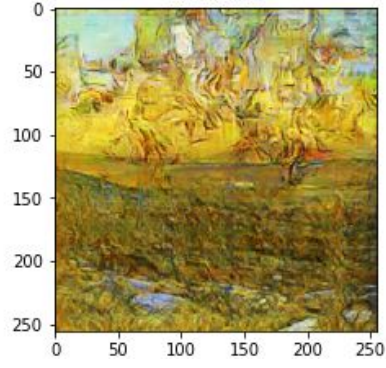
A Foto



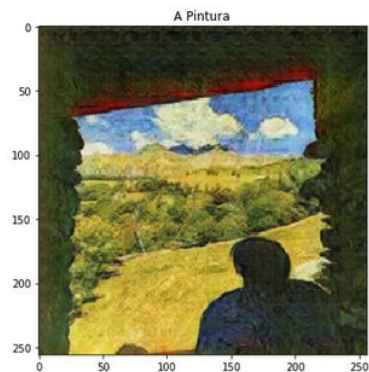
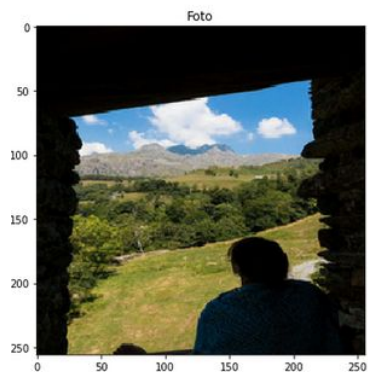
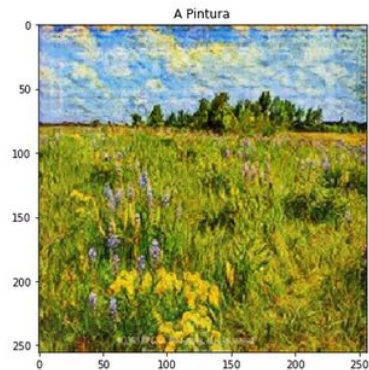
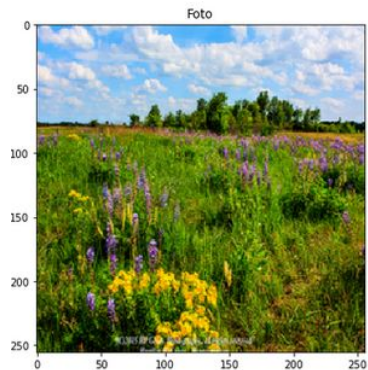
Foto



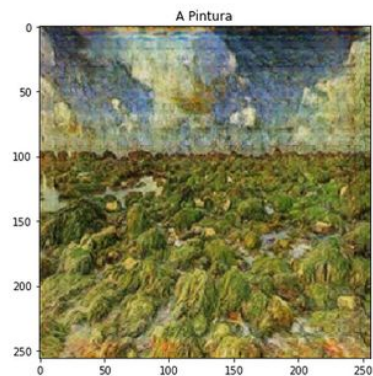
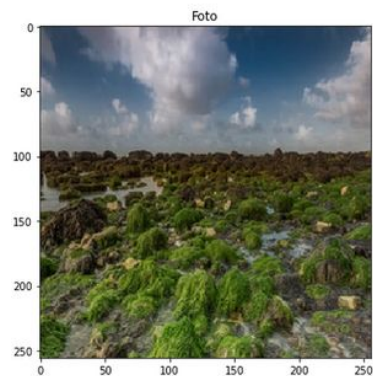
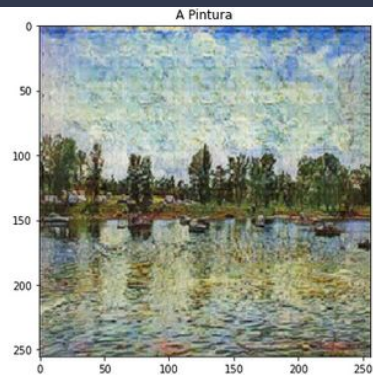
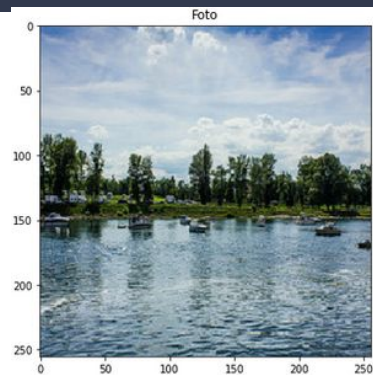
A Pintura



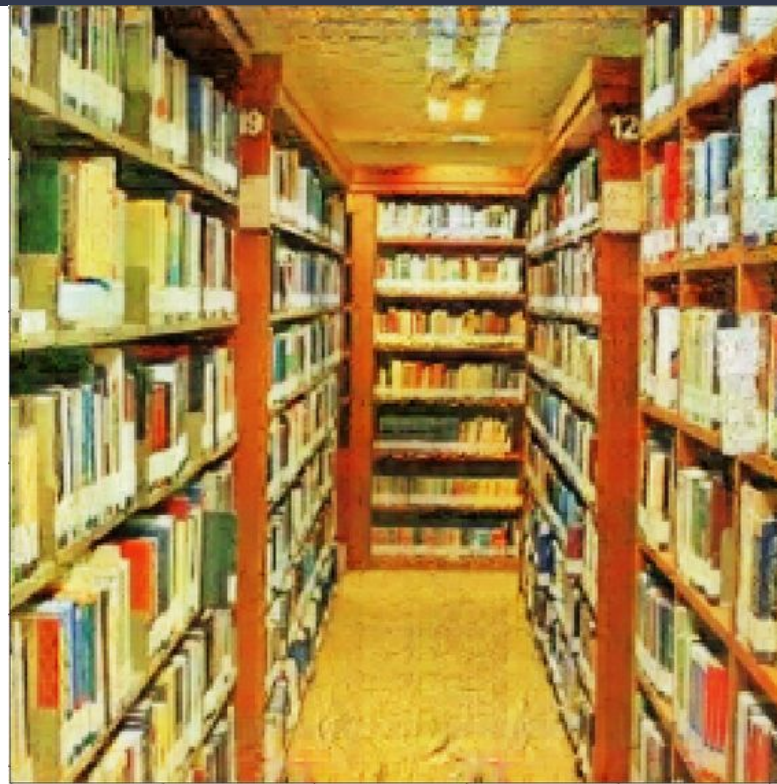
Resultados



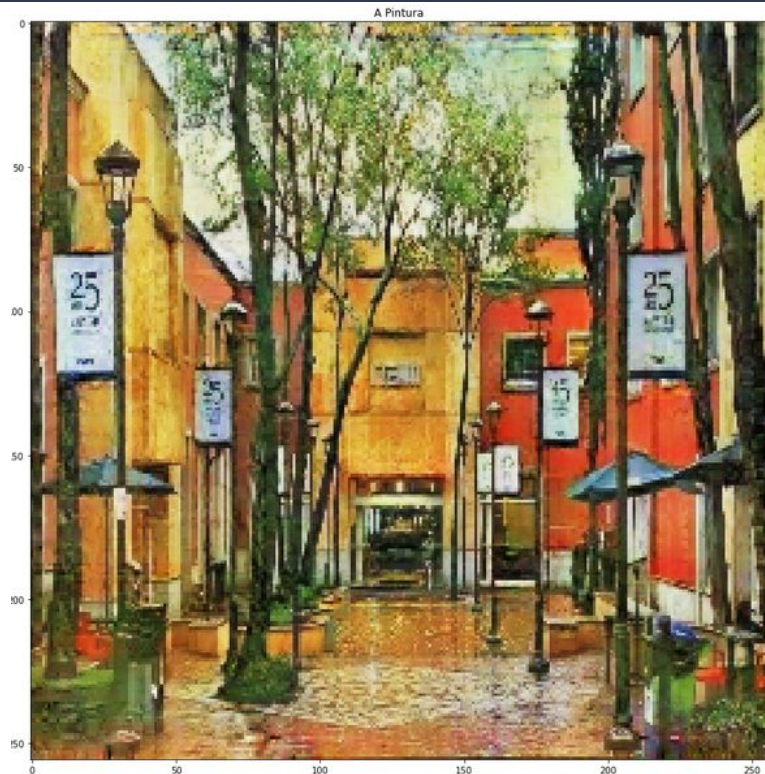
Resultados



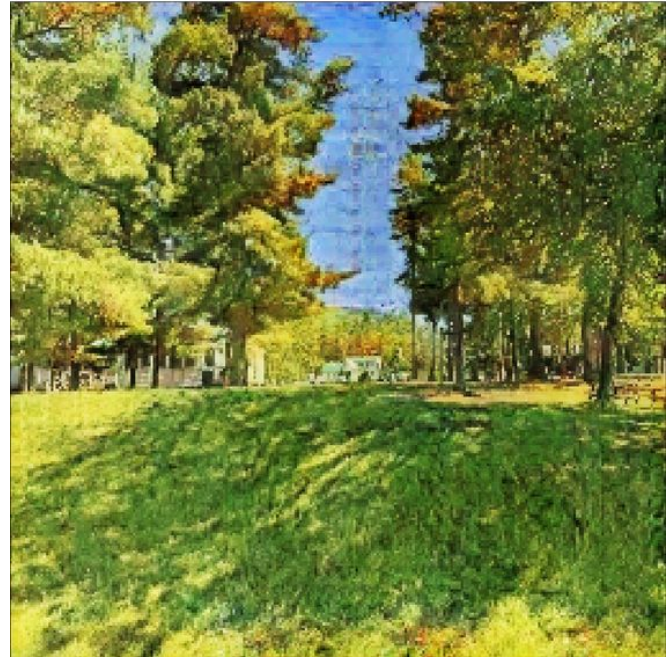
Resultados



Resultados



Resultados



Resultados

