

Deep Restore

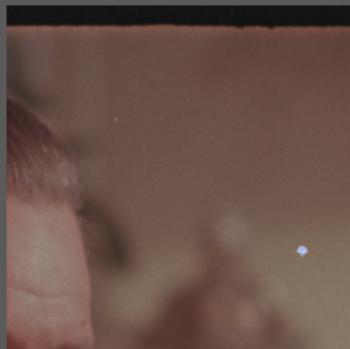
Inpainting Comparision

October 28, 2018

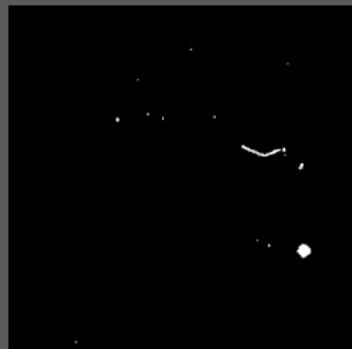
Description

- ▶ Comparison of 2 CNN approaches
- ▶ input: rgb images for previous, current, next
- ▶ relu output activation function
- ▶ for the adding CNNs linear output

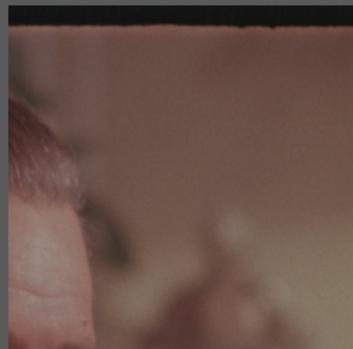
Test - Ex1



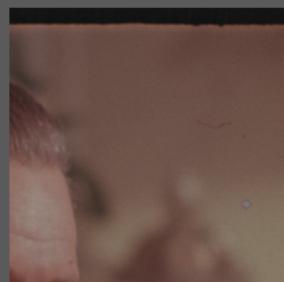
(a) Input



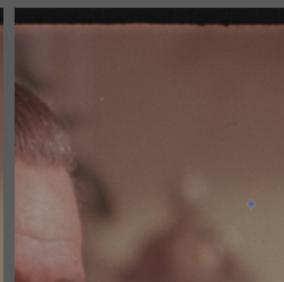
(b) Mask



(c) GT Output



(a) densenet

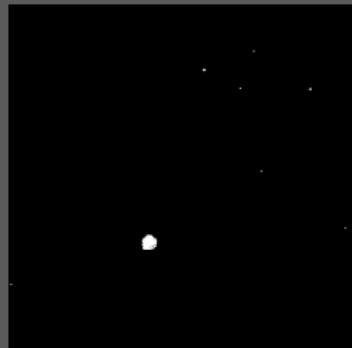


(b) densenet add

Test - Ex2



(a) Input



(b) Mask



(c) GT Output

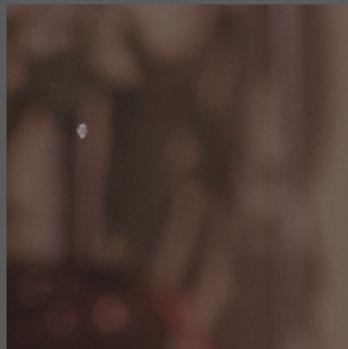


(a) densenet



(b) densenet add

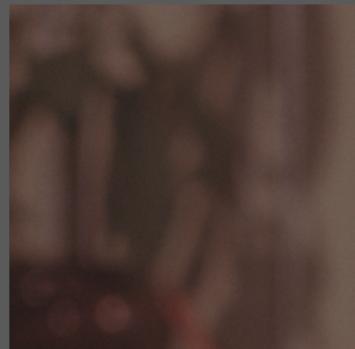
Test - Ex3



(a) Input



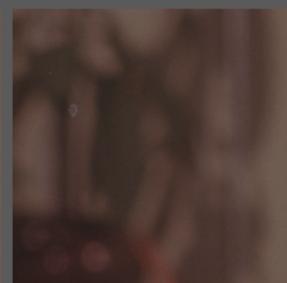
(b) Mask



(c) GT Output



(a) densenet

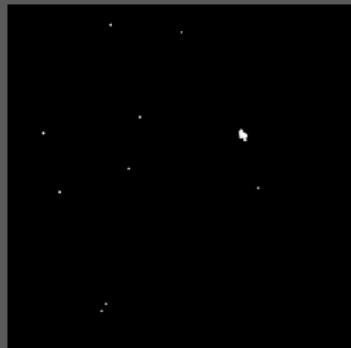


(b) densenet add

Test - Ex4



(a) Input



(b) Mask



(c) GT Output



(a) densenet

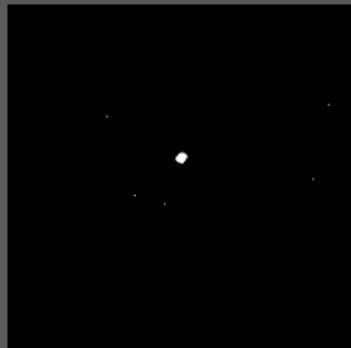


(b) densenet add

Test - Ex5



(a) Input



(b) Mask



(c) GT Output

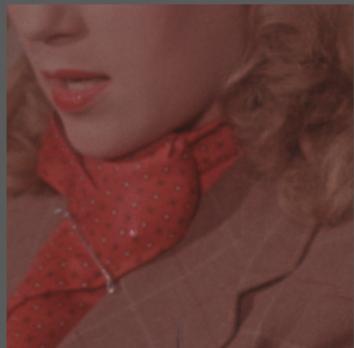


(a) densenet



(b) densenet add

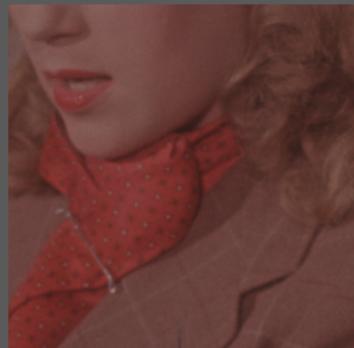
Test - Ex6



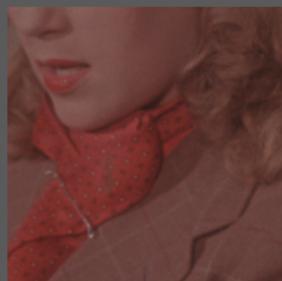
(a) Input



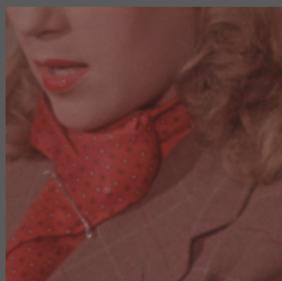
(b) Mask



(c) GT Output



(a) densenet



(b) densenet add

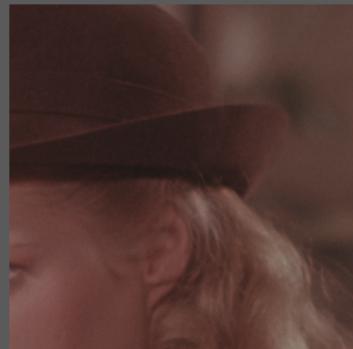
Test - Ex7



(a) Input



(b) Mask



(c) GT Output



(a) densenet

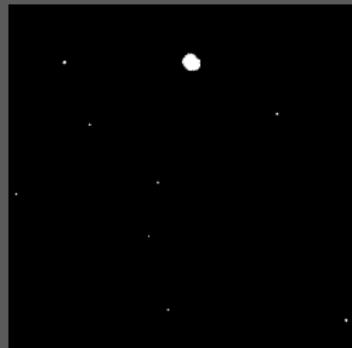


(b) densenet add

Test - Ex8



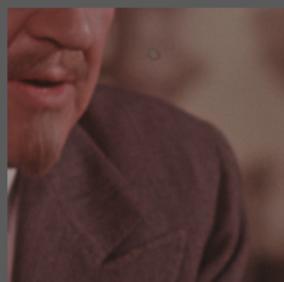
(a) Input



(b) Mask



(c) GT Output



(a) densenet



(b) densenet add

Test - Ex9



(a) Input



(b) Mask



(c) GT Output



(a) densenet



(b) densenet add

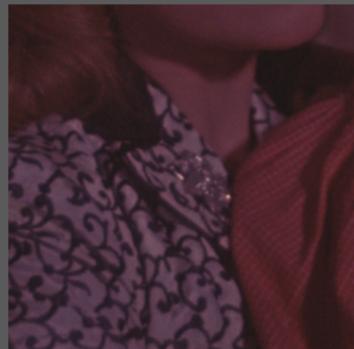
Test - Ex10



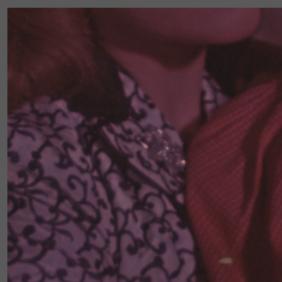
(a) Input



(b) Mask



(c) GT Output

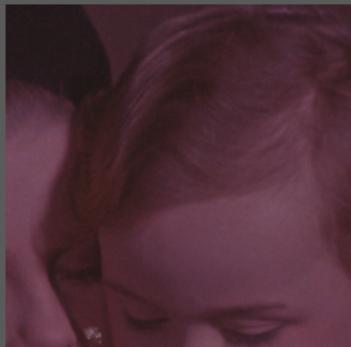


(a) densenet



(b) densenet add

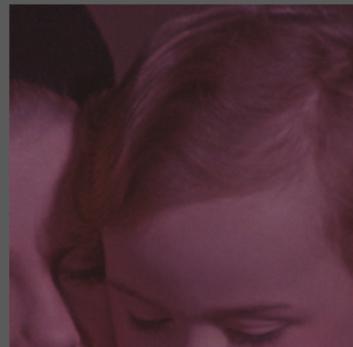
Test - Ex11



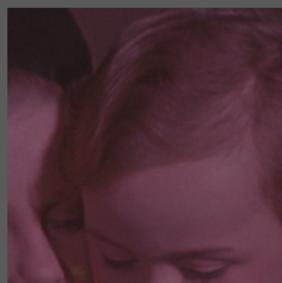
(a) Input



(b) Mask



(c) GT Output



(a) densenet

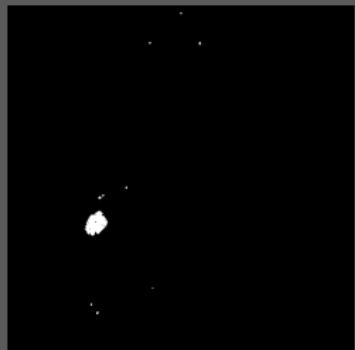


(b) densenet add

Test - Ex12



(a) Input



(b) Mask



(c) GT Output



(a) densenet



(b) densenet add

Test - Ex13



(a) Input



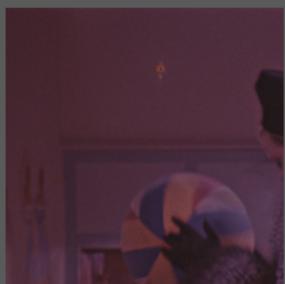
(b) Mask



(c) GT Output

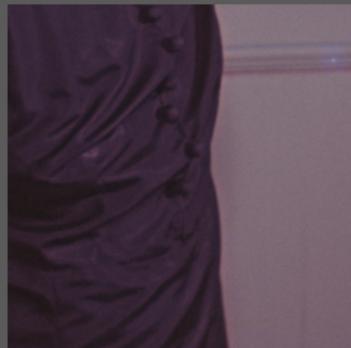


(a) densenet

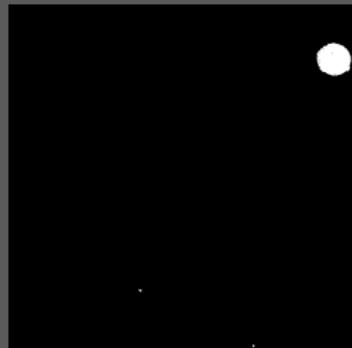


(b) densenet add

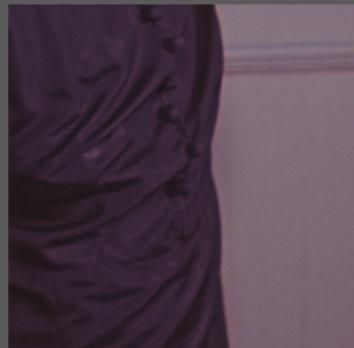
Test - Ex14



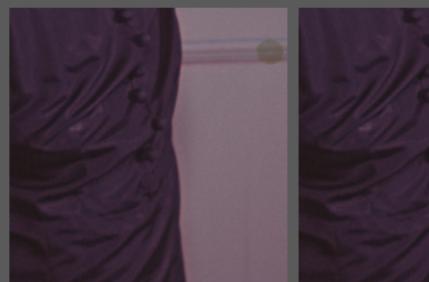
(a) Input



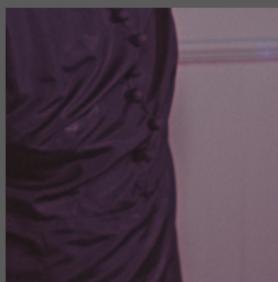
(b) Mask



(c) GT Output



(a) densenet



(b) densenet add

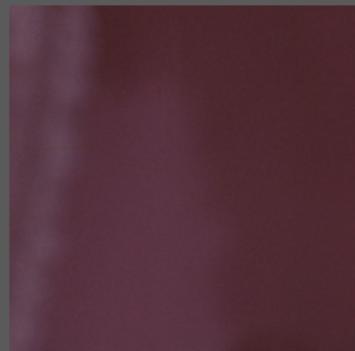
Test - Ex15



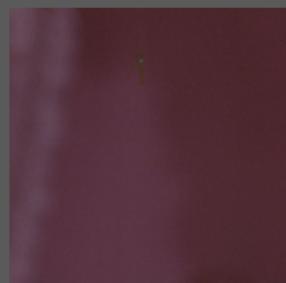
(a) Input



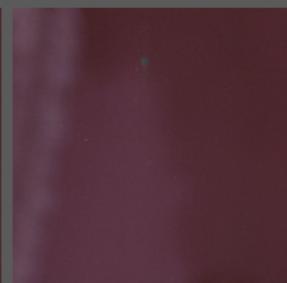
(b) Mask



(c) GT Output



(a) densenet



(b) densenet add