--image\_dir dataset/train\_data/291 --test\_dir dataset/test\_data/Set14 --image\_size 128 --batch\_size 1 --lr 0.001 --source\_noise\_model gaussian,0,50,100 --target\_noise\_model clean --output\_path clean\_source\_mean\_nosie

non 0 mean gaussian source image

clean target, 0 mean gaussian val

--image\_dir dataset/train\_data/291

--test\_dir dataset/test\_data/Set14

--image\_size 128

--batch\_size 1

--lr 0.001

--source\_noise\_model gaussian,0,50,100

--target\_noise\_model clean

--val\_noise\_model gaussian,0,50,100

--output\_path clean\_source\_val\_mean\_noise

non 0 mean gaussian source image

clean target, non 0 mean gaussian val

* Gaussian Noise
* Poisson, Text, Random Noise
* Gaussian noise non zero mean gaussian

Noise to noise does not work with dependent noise

Gaussian 100 mean with clean target.

--image\_dir

dataset/train\_data/291

--test\_dir

dataset/test\_data/Set14

--image\_size

128

--batch\_size

1

--lr

0.001

--source\_noise\_model

gaussian,0,50,100

--target\_noise\_model

clean

--val\_noise\_model

gaussian,0,50,100

--output\_path

clean\_mean100

test\_output3: validate with 0 mean samples

test\_output4: validate with 100 mean samples

Formal:

Formal Verification Presentation: verification techniques and UVM vs. Formal

Try and errors for the transaction properties.

**L1, clean, L2**

--noise\_weight\_file

text\_noise/weights.048-12.677-21.05821.hdf5

--noise\_weight\_file2

text\_noise\_L2/weights.057-1081.357-18.31146.hdf5

--clean\_weight\_file

text\_clean/weights.060-11.703-21.59122.hdf5

--image\_dir

dataset/test\_data/Set14

--test\_noise\_model

text,25,25

--output\_dir

outputs\_text\_noise\_clean\_L2