

# Assignment 3 Report

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# Task Outputs

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## 1. Saturated Image (saturated\_img)



### Tensor Information:

Shape: torch.Size([321, 433, 3])  
Dtype: torch.uint8  
Min Value: 0.0000  
Max Value: 255.0000  
Mean Value: 142.6279

## 2. Noisy Image (noisy\_img)



### Tensor Information:

Shape: torch.Size([321, 433, 3])

Dtype: torch.float32

Min Value: 0.0000

Max Value: 1.0000

Mean Value: 0.4970

### 3. ImageNet Normalized Image (ImageNet\_norm)



#### Tensor Information:

Shape: torch.Size([321, 433, 3])

Dtype: torch.float64

Min Value: -1.0000

Max Value: 1.0000

Mean Value: 0.0667

## 4. Rearranged Dimensions (rearrange)



### Tensor Information:

Shape (NxCxHxW): torch.Size([1, 3, 321, 433])

Original Shape (HxWxC) before rearrangement: (H, W, 3)

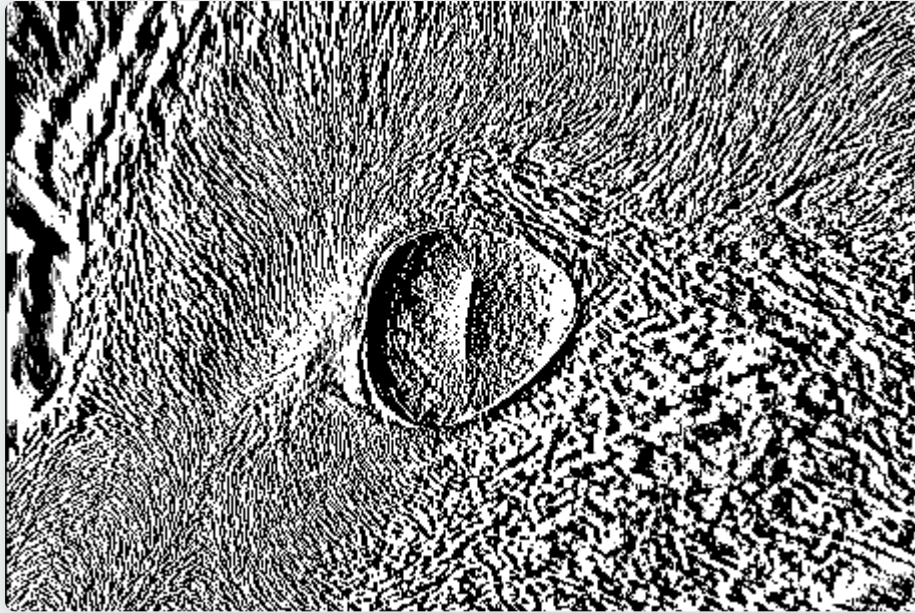
Dtype: torch.float32

Min Value: 23.0000

Max Value: 251.0000

Mean Value: 127.4327

## 5. Strided Image (strided\_img)



### Tensor Information:

Shape: torch.Size([305, 457])

Dtype: torch.float32

Min Value: -3485.0000

Max Value: 2600.0000

Mean Value: -2.0659