20 epochs for testing

when find best，increase the num of epochs

Learning Rate Variations

~~1. 0.0001~~

~~2. 0.0005~~

3. 0.001(default)

~~4. 0.005~~

~~5. 0.01~~

Batch Size Variations

1. 64

~~2. 128(default)~~

~~3. 256~~

~~4. 512~~

Number of Epochs Variations

1. 20

~~2. 50 (default)~~

3. 100

~~4. 200~~

~~5. 1000~~

Optimizer Types

1. Adam(default)

optimizer = optim.Adam(model.parameters(), lr=0.001)

2. SGD

~~optimizer = optim.SGD(model.parameters(), lr=0.01, momentum=0.9)~~

3. RMSprop

~~optimizer = optim.RMSprop(model.parameters(), lr=0.001)~~

Augmentation Parameter Variations

~~1. Rotation Angle:~~

max\_rotation = 15

~~max\_rotation = 30(default)~~

~~max\_rotation = 45~~

2. Minimum Crop Size:

min\_crop\_size = 16

~~min\_crop\_size = 24 (default)~~

~~min\_crop\_size = 32~~

3. Maximum Aspect Ratio Change:

~~max\_aspect\_ratio\_change = 0.05~~

max\_aspect\_ratio\_change = 0.1 (default)

~~max\_aspect\_ratio\_change = 0.2~~