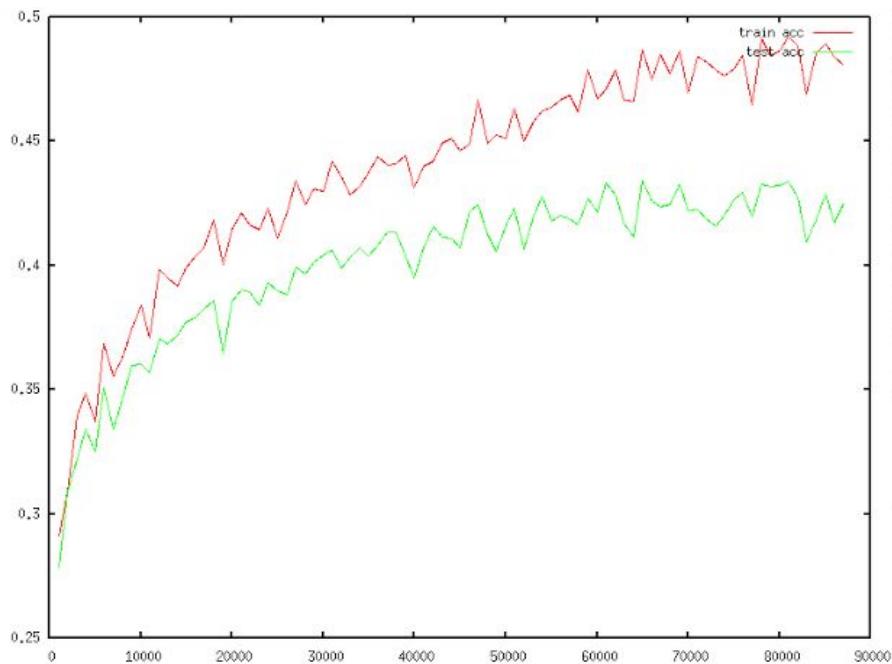


Grafice Tema 2

Straturi Fully Connected

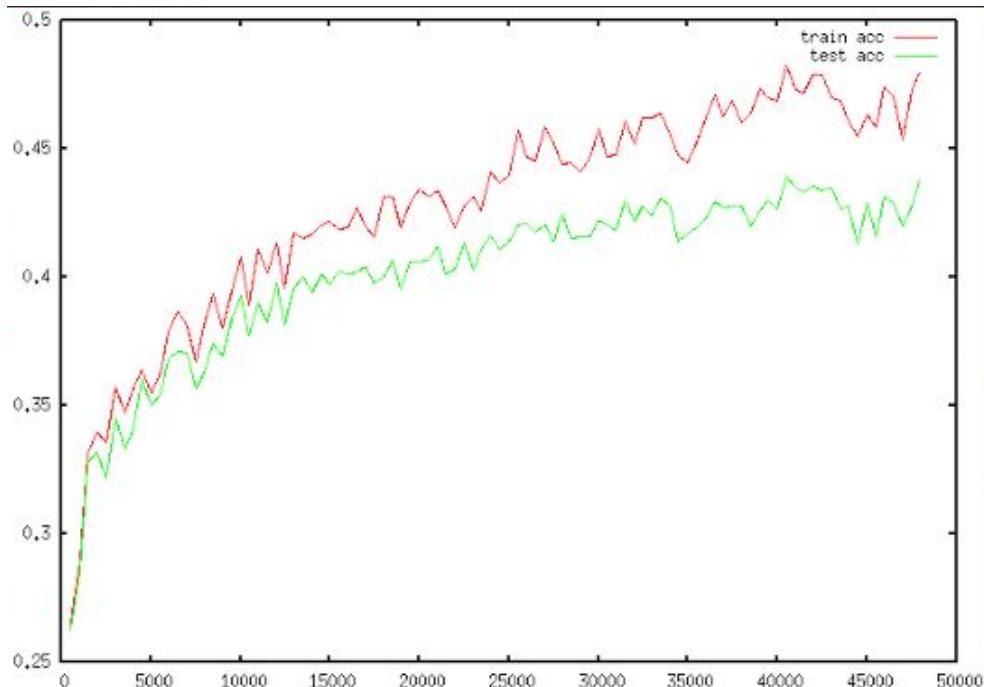
- CIFAR

Arhitectura: Linearize, FullyConnected(300), TanH, FullyConnected(10), SoftMax
Learning rate: 0.001



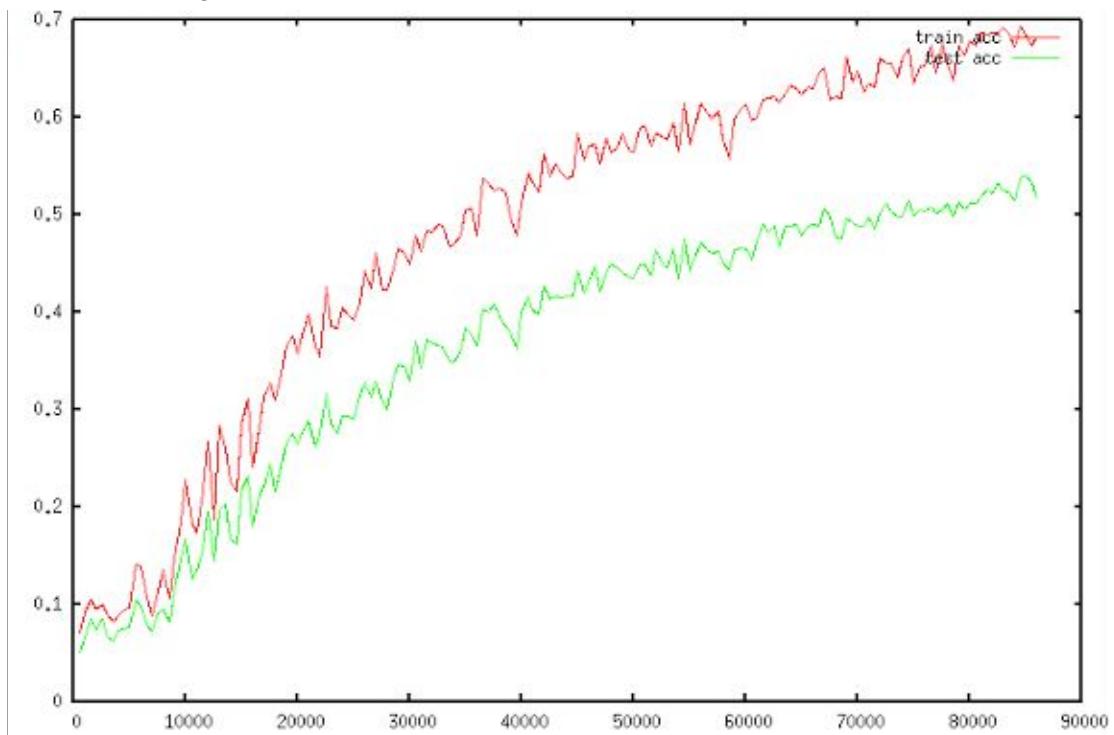
- CIFAR (numar de straturi schimbat)

Arhitectura: Linearize, FullyConnected(600), TanH, FullyConnected(400), TanH,
FullyConnected(100), TanH, FullyConnected(10), SoftMax
Learning rate: 0.001

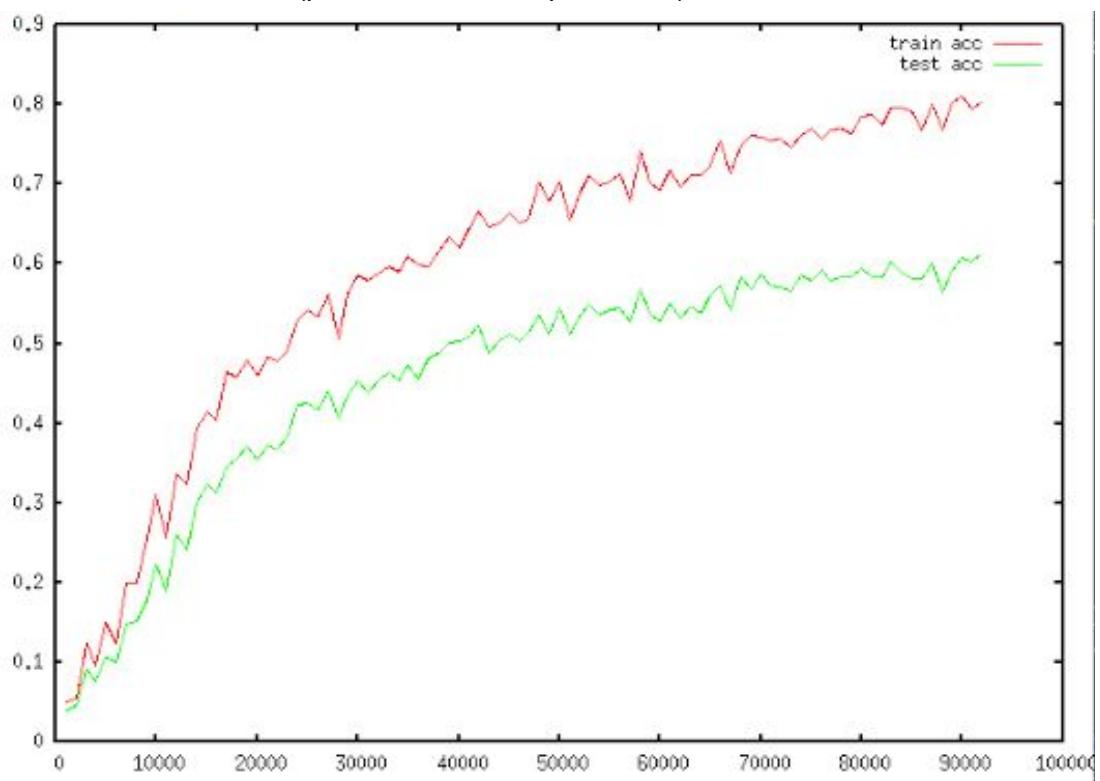


- CFK

Arhitectura: Linearize, FullyConnected(300), TanH, FullyConnected(62), SoftMax
 Learning rate: 0.001

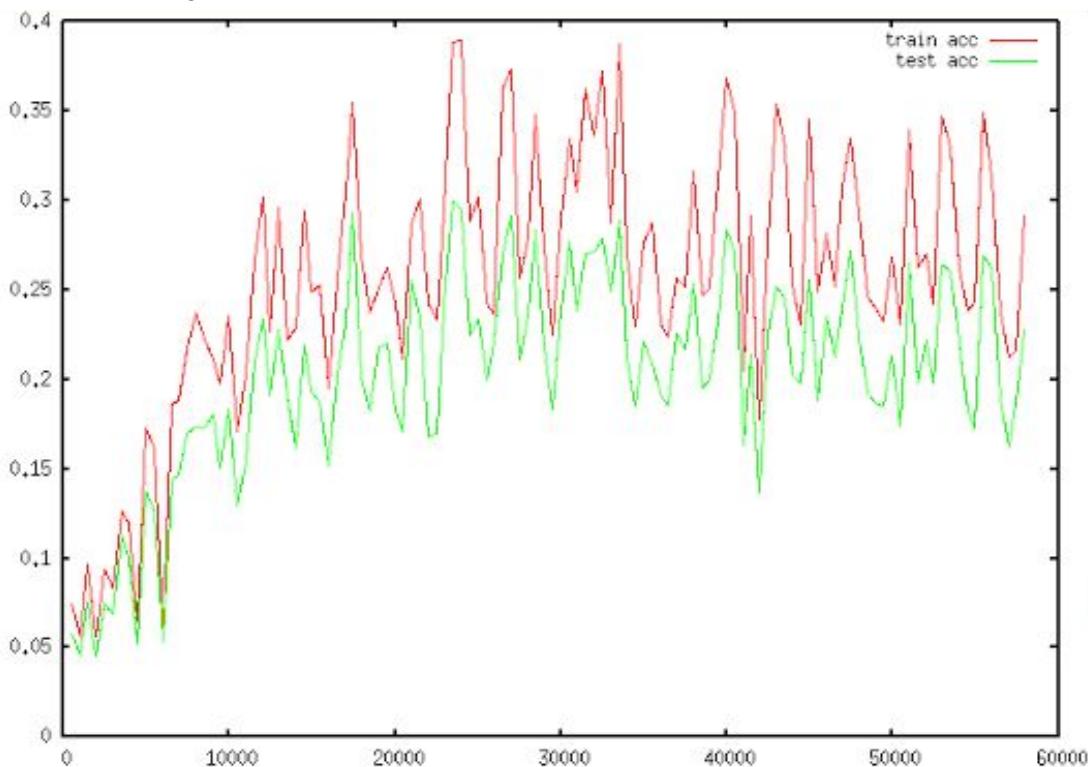


Momentum: 0.6 (pentru 0.9 avansa prea incet)



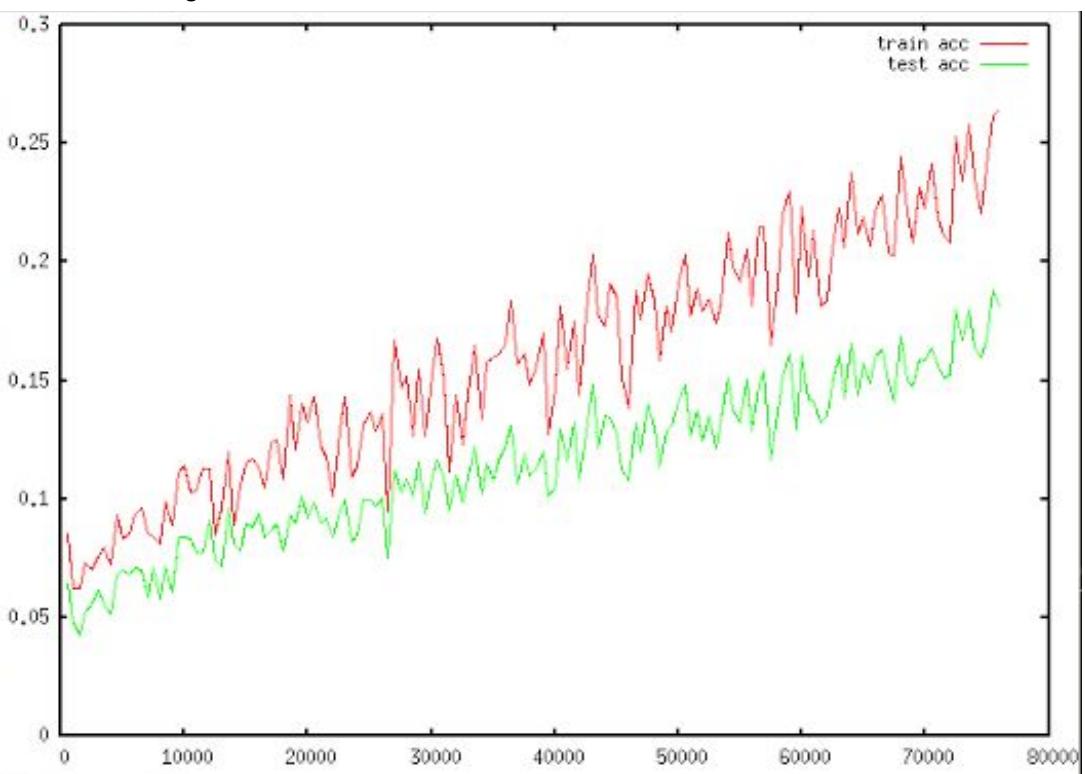
- CFK (learning rate schimbat)

Arhitectura: Linearize, FullyConnected(300), TanH, FullyConnected(62), SoftMax
Learning rate: 0.01

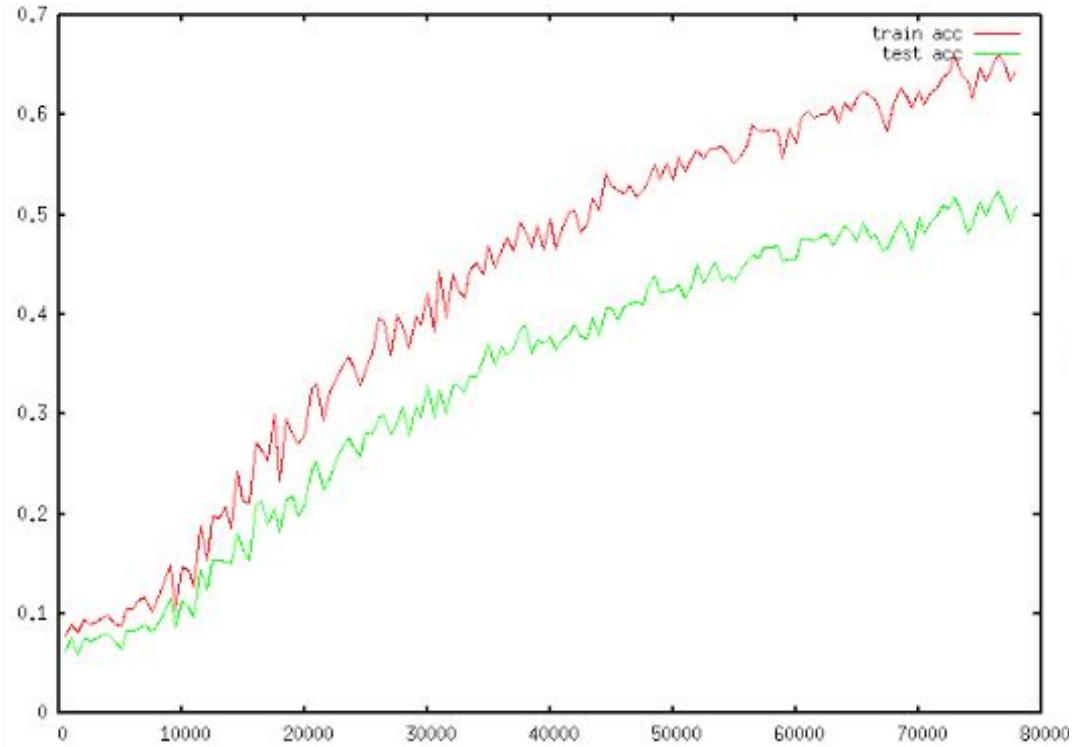


- CFK (learning rate schimbat)

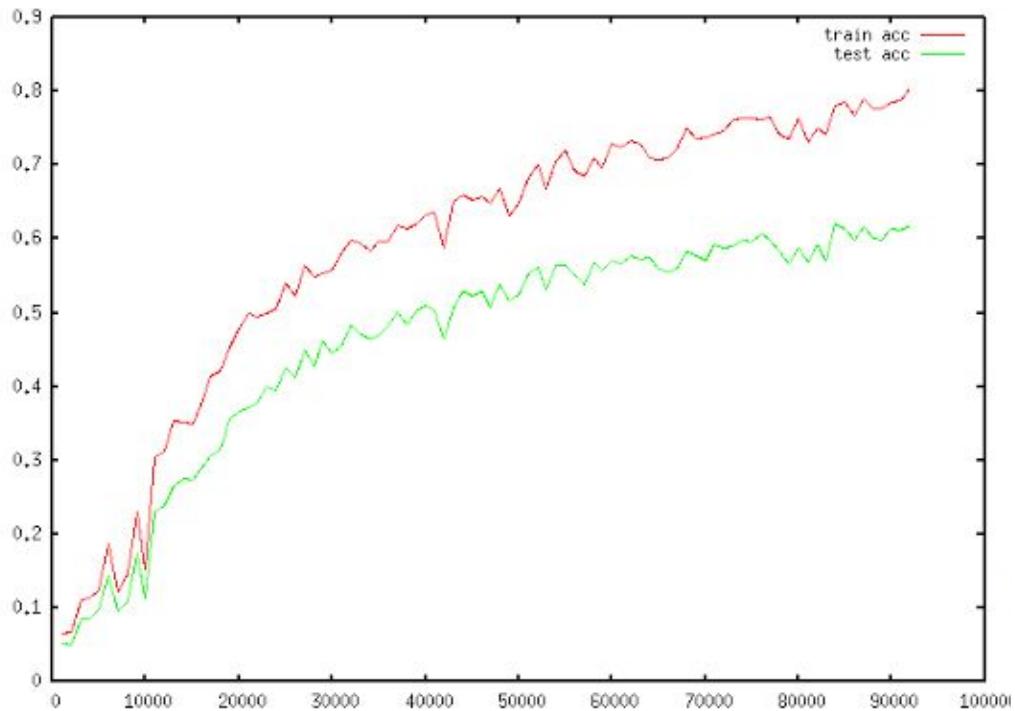
Arhitectura: Linearize, FullyConnected(300), TanH, FullyConnected(62), SoftMax
Learning rate: 0.0001



- CFK (numar de straturi schimbat)
Arhitectura: Linearize, FullyConnected(300), TanH, FullyConnected(100), TanH, FullyConnected(62), SoftMax
Learning rate: 0.001

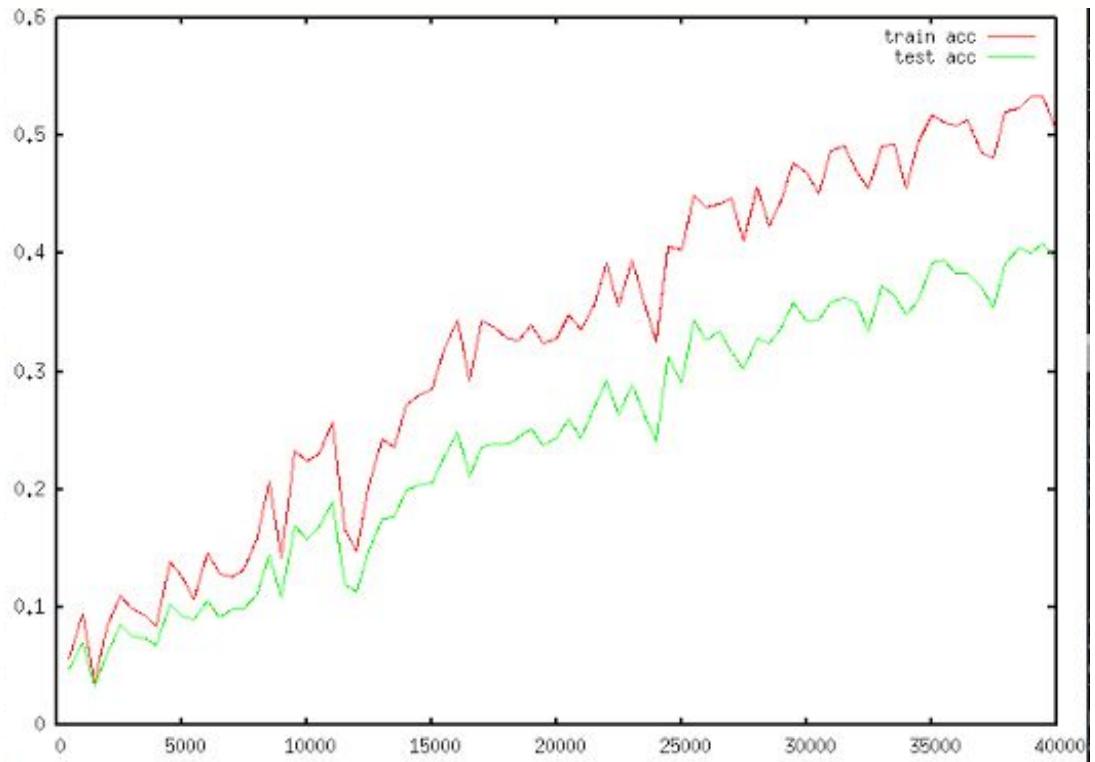


Momentum: 0.6

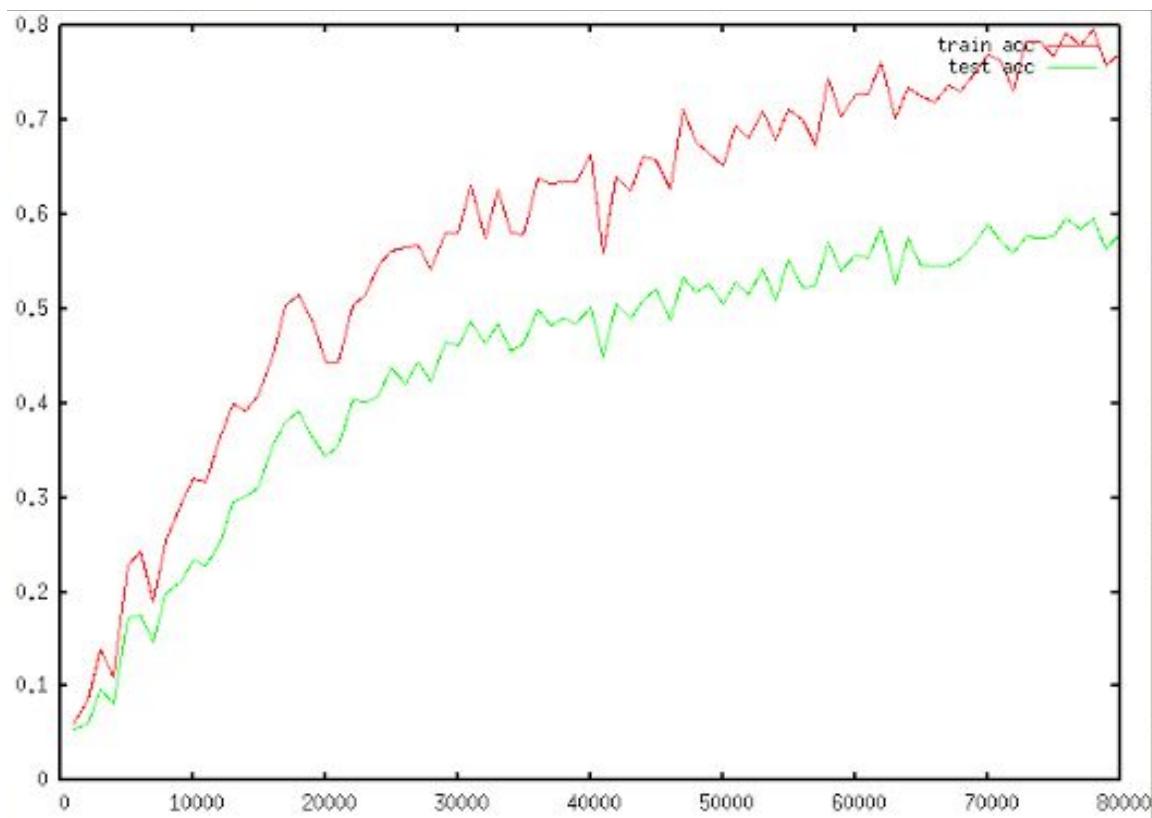


- CFK (numar de neuroni schimbat)

Arhitectura: Linearize, FullyConnected(600), TanH, FullyConnected(62), SoftMax
 Learning rate: 0.001



Momentum: 0.6

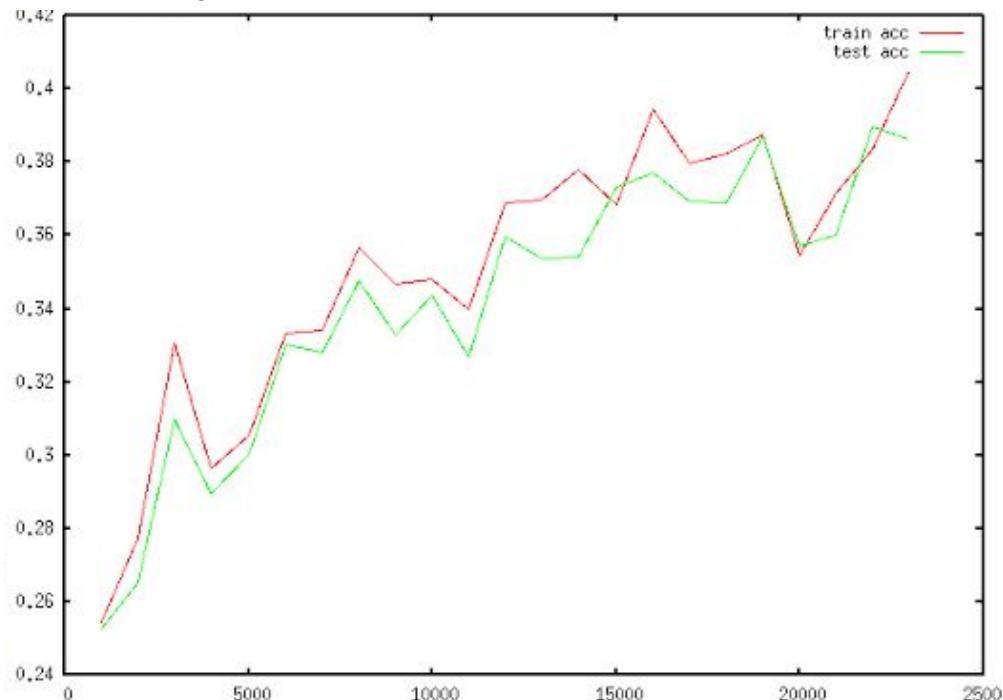


Straturi de convolutie

- CIFAR

Arhitectura: Conv(6x5x5), MaxPooling, Conv(16x5x5), MaxPooling, Conv(120x5x5), Linearize, FullyConnected(84), FullyConnected(10), SoftMax

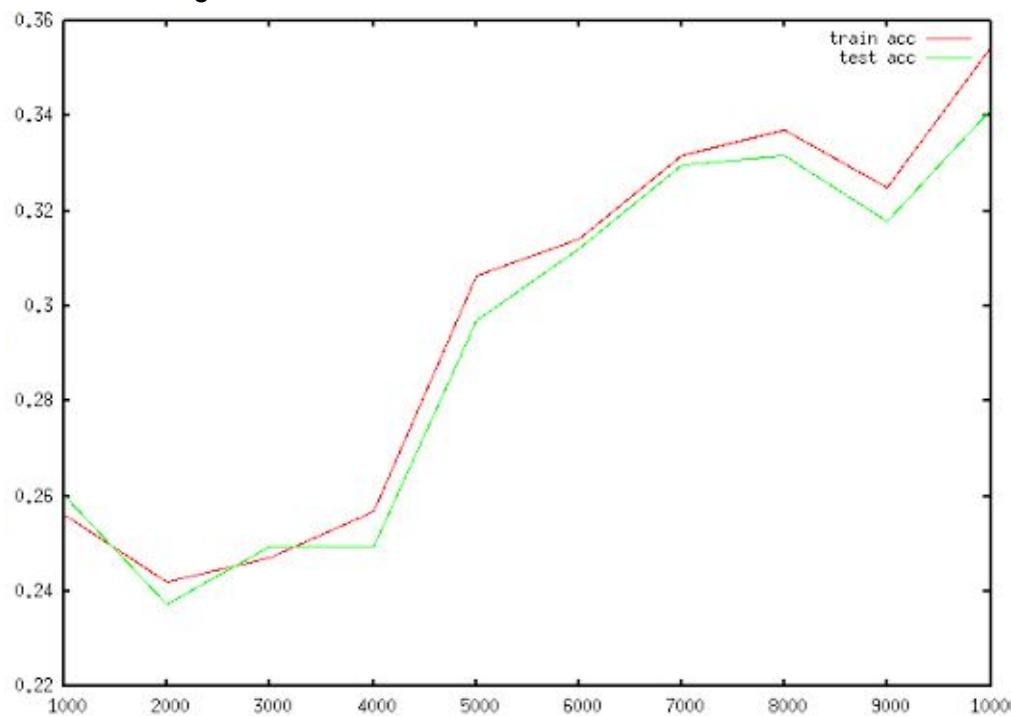
LearningRate: 0.001



- CIFAR (nr de filtre schimbat)

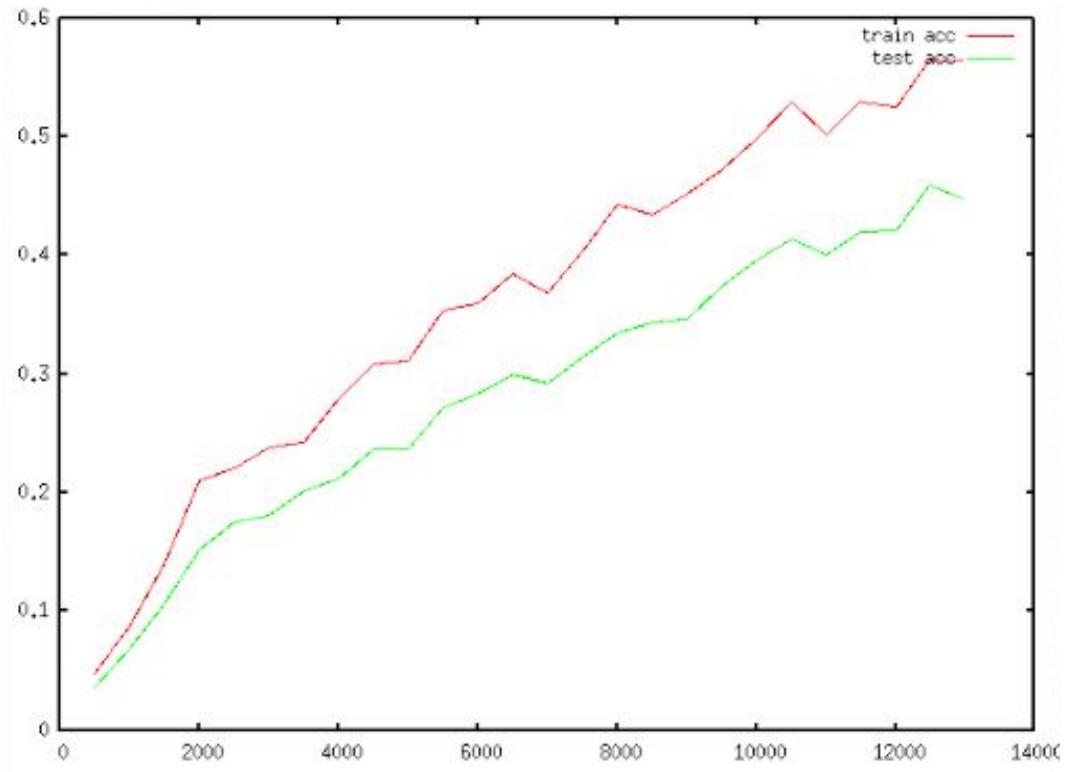
Arhitectura: Conv(20x5x5), MaxPooling, Conv(25x5x5), MaxPooling, Conv(100x5x5), Linearize, FullyConnected(84), FullyConnected(10), SoftMax

Learning rate: 0.001

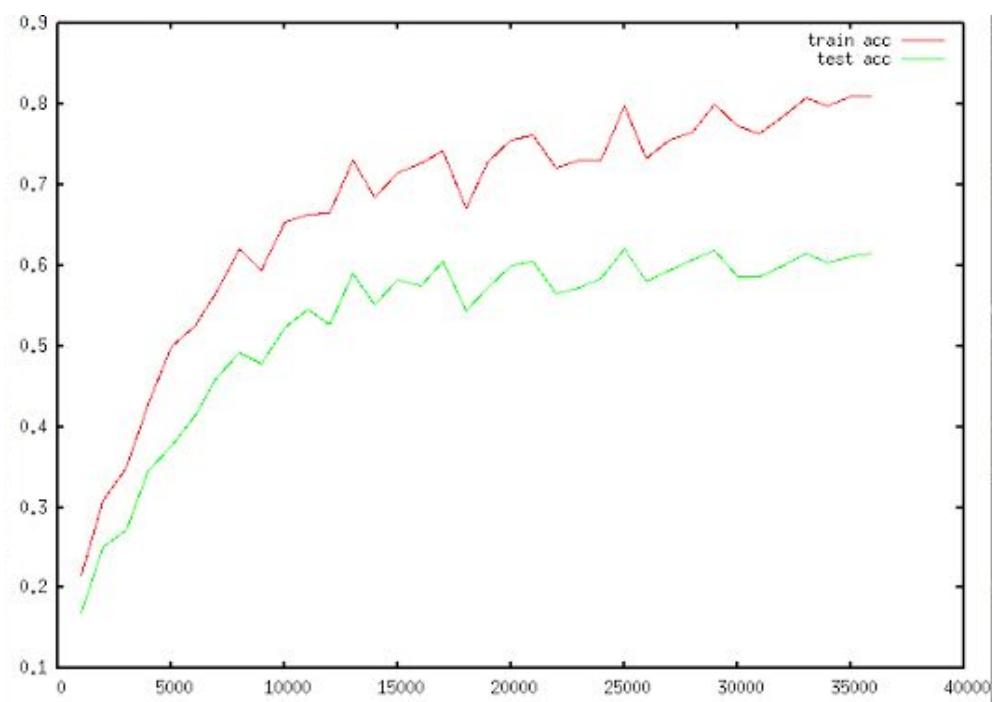


- CFK

Arhitectura: Conv(6x5x5), MaxPooling, Conv(16x5x5), MaxPooling, Conv(120x5x5),
Linearize, FullyConnected(84), FullyConnected(62), SoftMax
LearningRate: 0.001



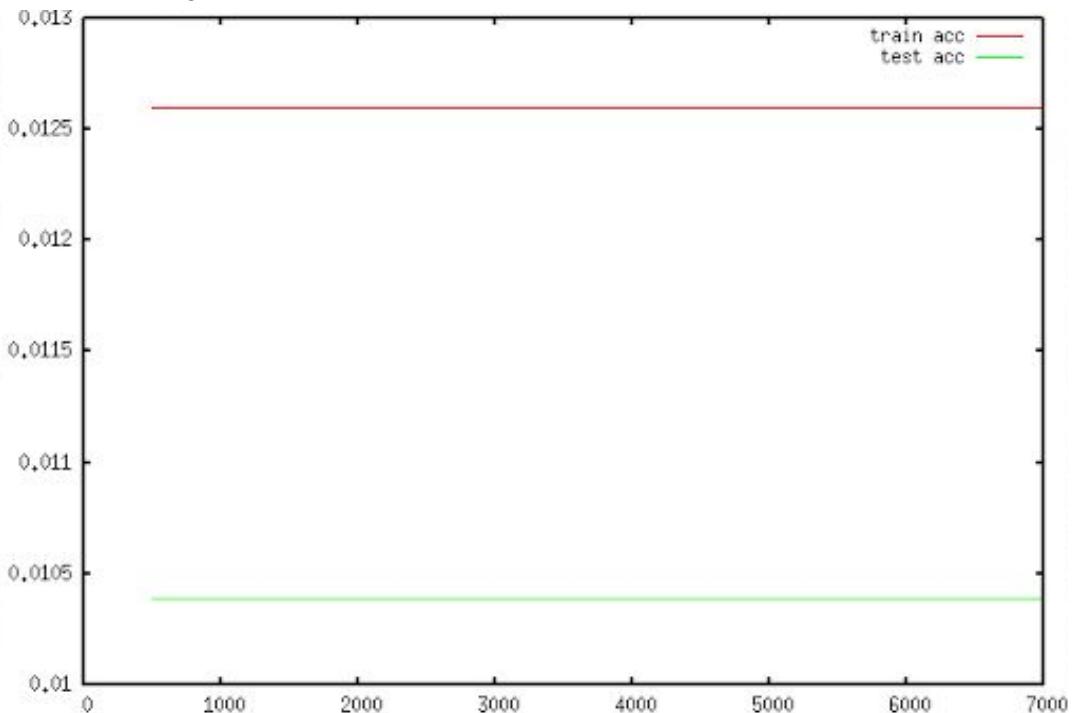
Momentum: 0.6



- CFK (learning rate schimbat)

Arhitectura: Conv(6x5x5), MaxPooling, Conv(16x5x5), MaxPooling, Conv(120x5x5), Linearize, FullyConnected(84), FullyConnected(62), SoftMax

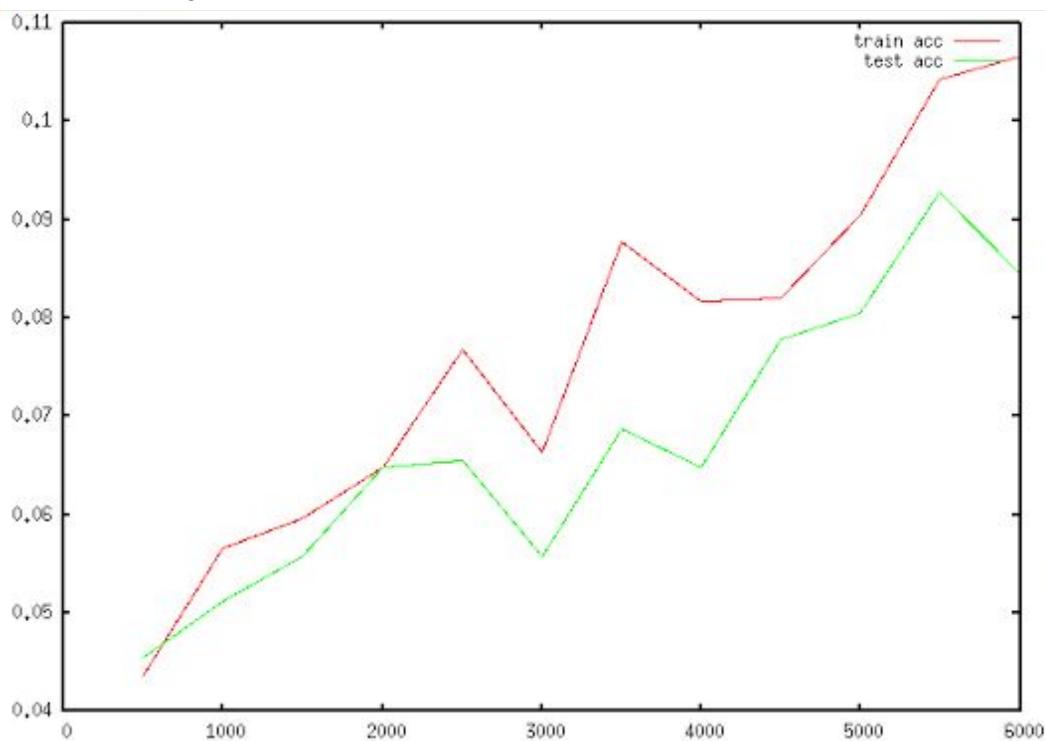
LearningRate: 0.01



- CFK (learning rate schimbat)

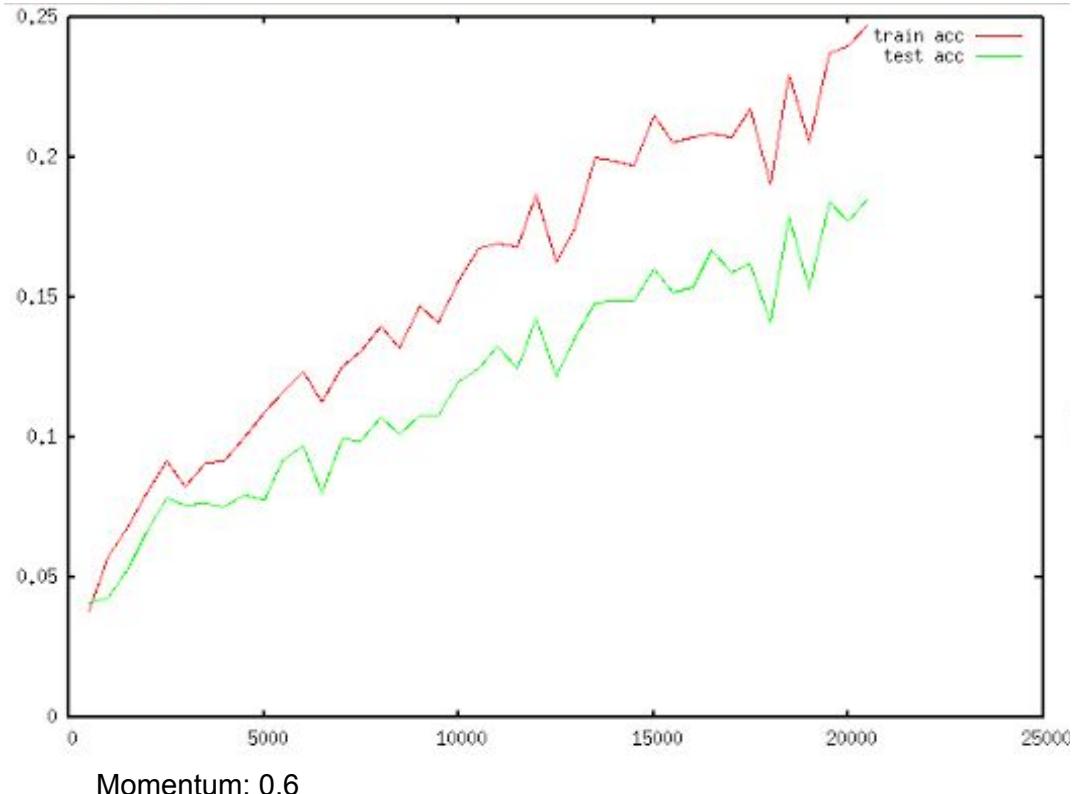
Arhitectura: Conv(6x5x5), MaxPooling, Conv(16x5x5), MaxPooling, Conv(120x5x5), Linearize, FullyConnected(84), FullyConnected(62), SoftMax

LearningRate: 0.0001

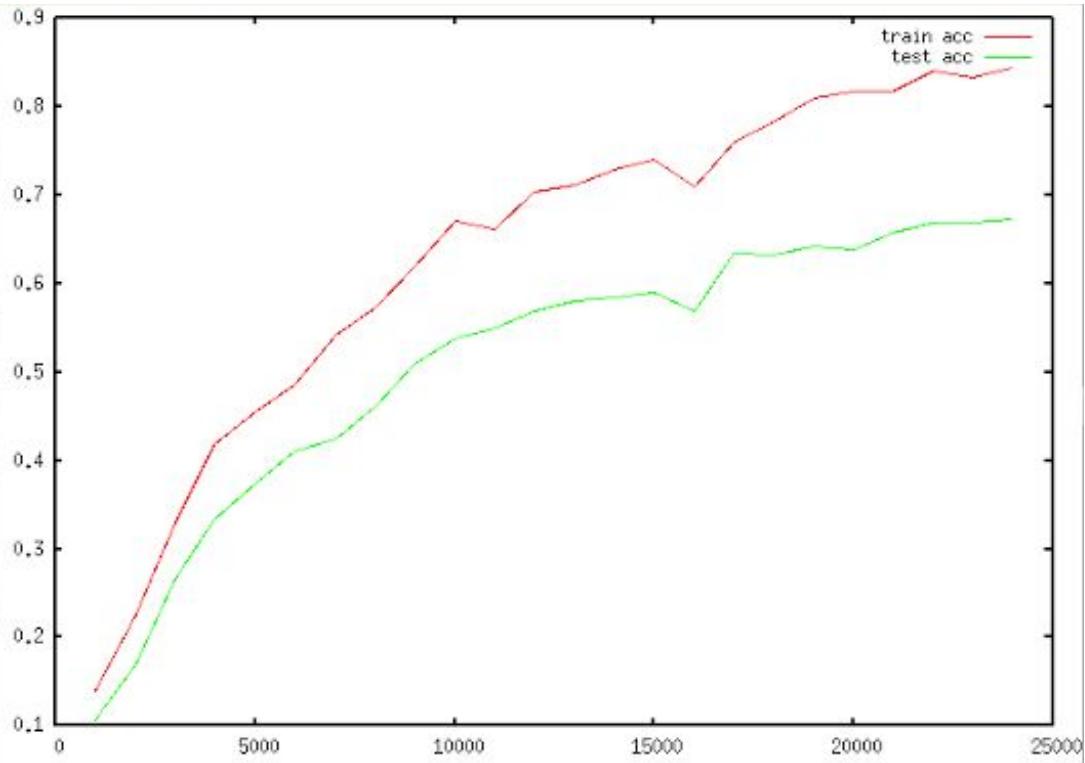


- CFK (arhitectura schimbata)

Arhitectura: Conv(6x5x5), MaxPooling, Relu, Conv(16x5x5), MaxPooling, Relu, Linearize, FullyConnected(300), TanH, FullyConnected(62), SoftMax
 LearningRate: 0.001



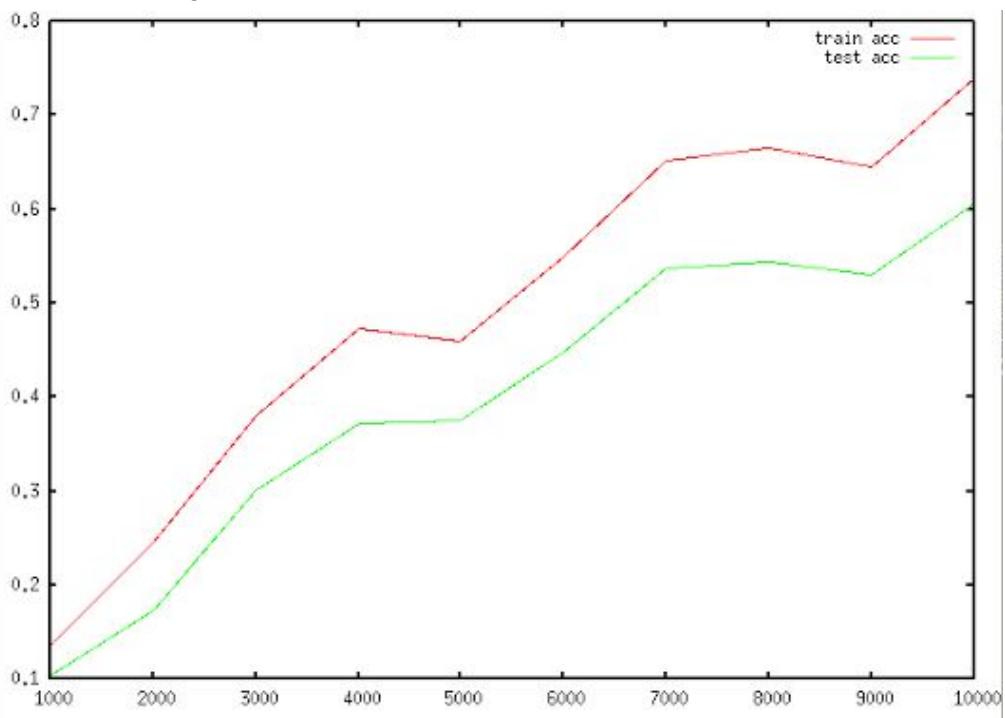
Momentum: 0.6



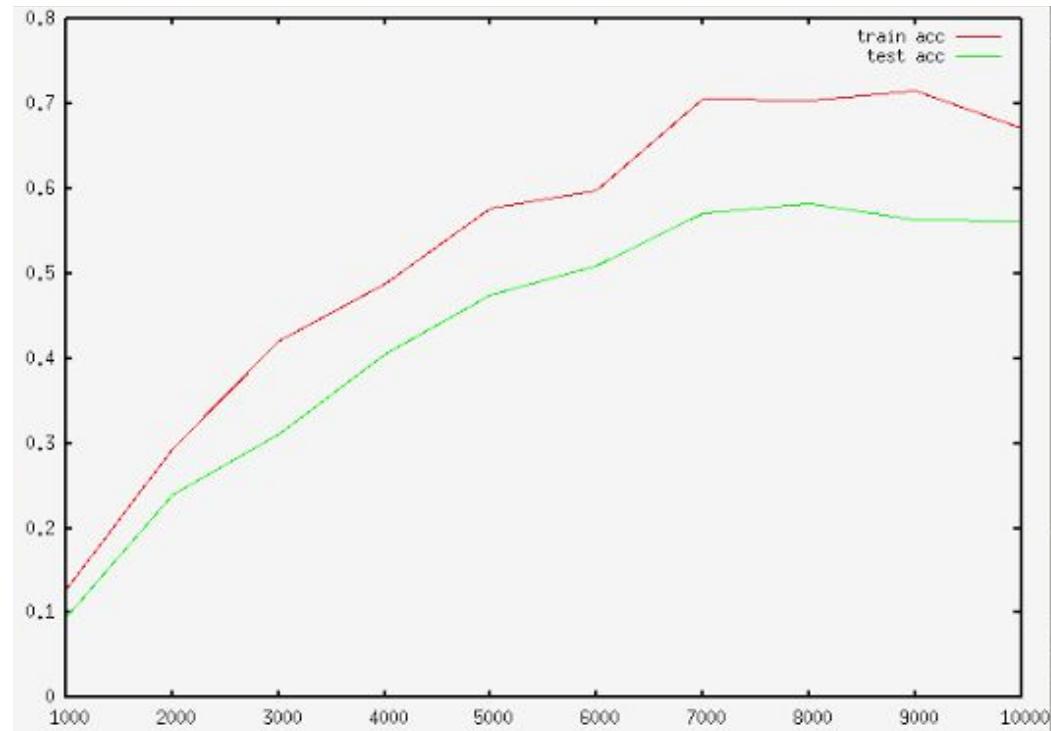
- CFK (nr de straturi schimbat)

Arhitectura: Conv(6x5x5), Relu, Conv(16x5x5), Relu, Conv(25x3x3), Relu, Conv(40x3x3), Relu, MaxPooling, Linearize, FullyConnected(300), Relu, FullyConnected(62), SoftMax

Learning rate: 0.001



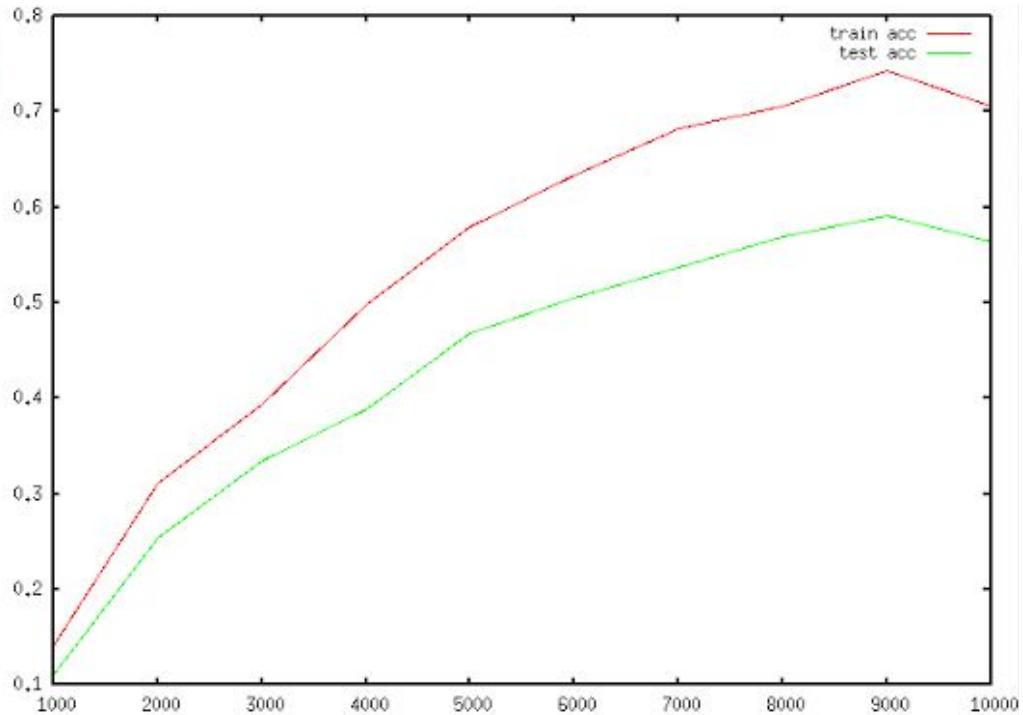
Momentum: 0.6



- CFK (numar de filtru schimbat)

Arhitectura: Conv(20x5x5), Relu, Conv(20x5x5), Relu, Conv(50x3x3), Relu,
 Conv(30x3x3), Relu, MaxPooling, Linearize, FullyConnected(1000), Relu,
 FullyConnected(300), Relu, FullyConnected(62), SoftMax

Learning rate: 0.001



Momentum:0.6

