Input layer

Max. Pooling 1

Avg. Pooling 1

Avg. Pooling 2

Conv1

Conv2

Conv3

FC. 1

FC. 2

Input layer = 32*32*3
Conv1 = 5*5*32*3
Conv2 = 5*5*32*32
Conv3 = 5*5*64*32
Max. Pooling 1 = 3*3*32
Avg. Pooling 1 = 3*3*32
Avg. Pooling 2 = 3*3*64
FC. 1 layer = 64*576
FC. 2 layer = 4*64

Axiom CNN