options = optimset('GradObj', 'on', 'MaxIter', 50);

[theta] = ...

fmincg (@(t)(lrCostFunction(t, X, (y == c), lambda)), ...

initial\_theta, options);

all\_theta

size(all\_theta)

y

sum(y==1)

for c = 1:num\_labels

end

all\_theta(c,:) = theta(c);

predict

[row column]=find(max(E,[],m));

0.3696

neural networks:

a2=[ones(i(1), 1) a2];