NNFL EXPT. 07

Code:

clc

clear all

close all

[digit1 digit2 digit3 digit4 digit5 digit6 digit7 digit8 digit9 digit0]=bit\_maps;

p=[digit0(:) digit1(:) digit2(:) digit3(:) digit4(:) digit5(:) digit6(:) digit7(:) digit8(:) digit9(:)];

t=eye(10);

net=newff(minmax(p),[20 10]);

net1=train(net,p,t);

a=digit6(:);

y=sim(net1,a);

view(net1)

% digit6(:)=digit6(:)+rand(45,1)\*0.1;

% p1=[p p+rand(45,10)\*0.1 p+rand(45,10)\*0.2 p+rand(45,10)\*0.3];

% t1=[t t t t];

% net=newff(minmax(p1),[20 10]);

% net2=train(net,p1,t1);

% a1=digit6(:);

% y1=sim(net2,a1);

% view(net2)

Output:

Case 1: Without adding any noise

 





