file = untitled; % 'untitled' refers to the data in the MATLAB workspace

%

n = 1; % select the selection to be displayed

i = file(:,n);

x = file(:,end-1);

y = file(:,end);

cutoff =1000; % select a cut-off value

xx = []; % vectors to be filled with values above tolerance only

yy = [];

ii = [];

seqnum = length(i); % number of sequences that are read

for n=1:seqnum

if i(n)>cutoff

xx = [xx; x(n)];

yy = [yy; y(n)];

ii = [ii; i(n)];

end,

end

figure; % from here on the output figure is defined

C=ii;

axes1 = axes();

grid(axes1,'on');

hold(axes1,'all');

view(axes1,[-37.5 30]);

scatter3(xx,yy,ii,100,C,'filled');

xlabel('Code 1','FontWeight','bold'); % Create xlabel

ylabel('Code 2','FontWeight','bold'); % Create ylabel