Numerical Methods Homework-2

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1 Output the skyline by using stairs( )

ANS :

1. Code :

posi = [1 11 5;2 6 7; 3 13 9;12 7 16;14 3 25;19 18 22;23 13 29;24 4 28];

heigh = zeros(size(posi,1),31)

for index = 1:size(posi,1)

heigh(index, posi(index,1)+1:posi(index,3)) = posi(index,2)

end

h\_est = max(heigh,[],1);

stairs(0:30,h\_est);

set(gca,'xtick',0:2:30)

ylim([0,20])

1. Result :

