```matlab
%SINAL - DEGRAU UNITÁRIO
clc
clear all
tempoinicial = -5;
tempofinal = 50;
amostras = tempofinal - tempoinicial;
t = linspace(tempoinicial,tempofinal,amostras+1); %gvetor tempo
for i = 1:length(t)
    if(t(i)>=0)
        u(i) = 1;
        else
         u(i) = 0;
    end
end
figure
stem(t,u)
grid on
title('Degrau Unitario'),xlabel('n'), ylabel('x[n]'),axis([tempoinicial
 tempofinal 0 1.5])
```
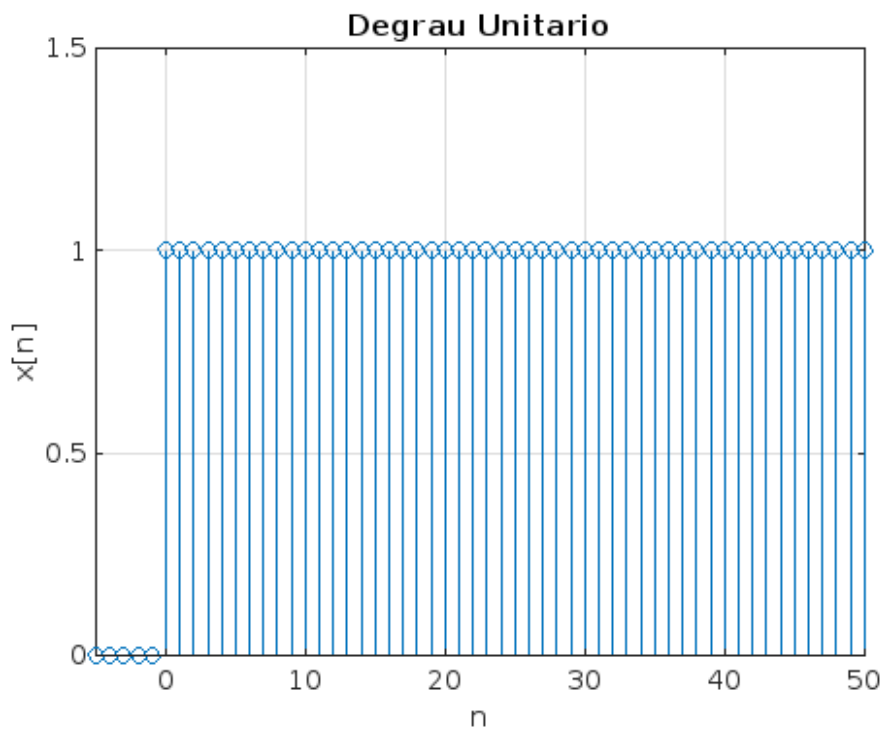

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