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# ECEN 3300 HW 4 Problem 6 Plotting

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## Housekeeping

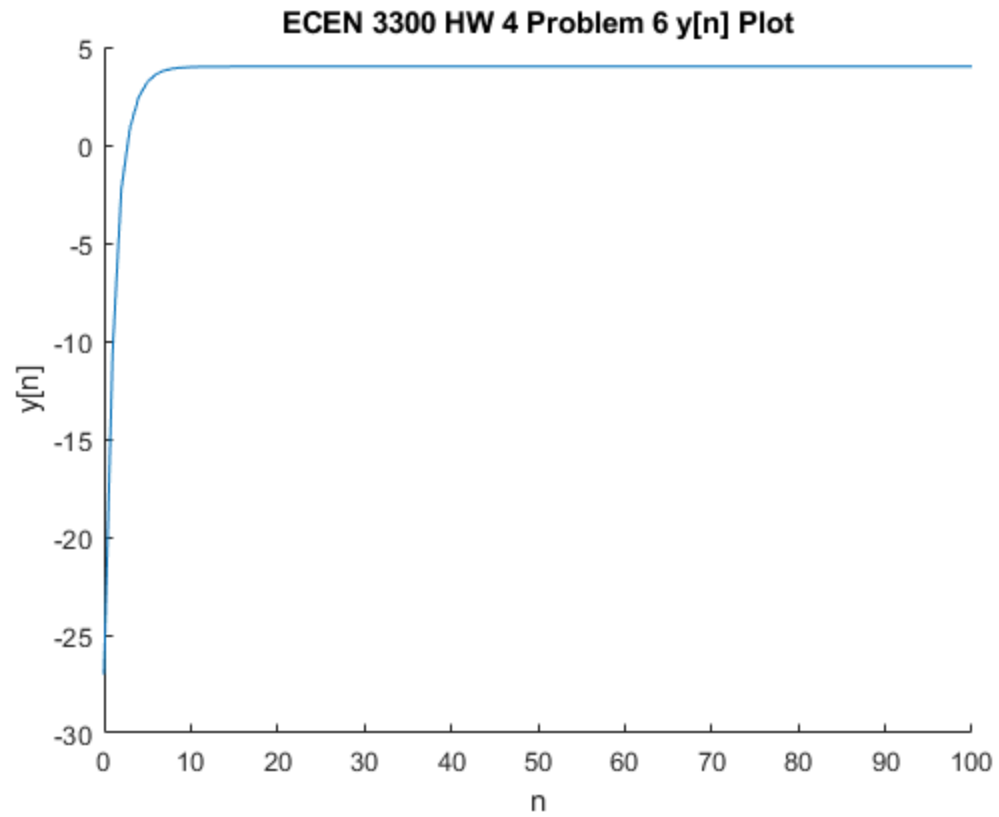
```
clc; clear; close all
```

## Code

```
n = 0:1:100;

func = @(n) (n>=0).*0.5.^n + ((n-1)>=0).*0.5.^(n-1) + ((n-2)>=0).*0.5.^(n-2) -
    0.5.^(n-5) + 4;

figure
hold on
title("ECEN 3300 HW 4 Problem 6 y[n] Plot")
plot(n, func(n));
xlabel("n")
ylabel("y[n]")
```



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