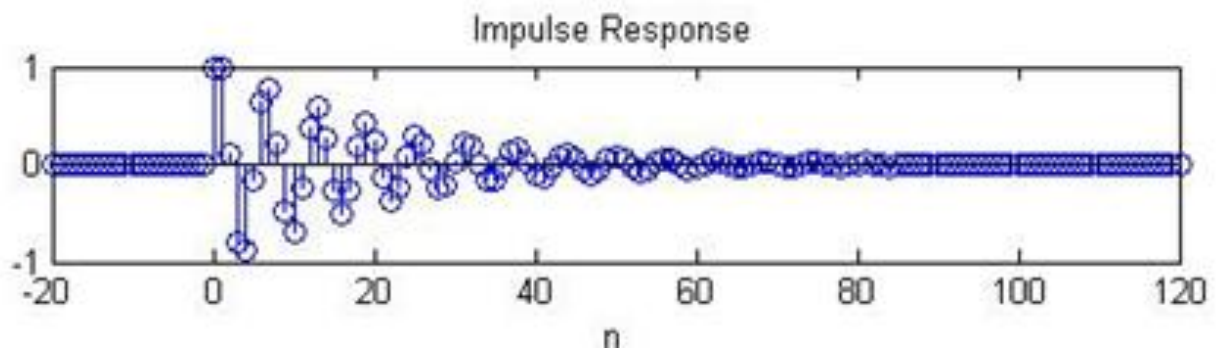


Experiment 25

System Analysis

Analyze the system using impulse input response.

```
clear all;  
clc;  
  
b = 1;  
a = [1 -1 0.9];  
n = (-20:120);  
  
h = impz(b,a,n);  
  
subplot(311),stem(n,h);  
title('Impulse Response');  
xlabel('n');
```



Conclusion

For a given system as a difference equation, `impz()` computes its unit impulse response $h(x)$.

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