

## CIRCULAR CONVOLUTION

```
function Y = circonv(g,h)
n = length(g);
if(length(g) == length(h))
for i = 1:n
    H(i:n,i) = (h(1:n-i+1))' %#ok<AGROW>
    if(i>1)
        H(1:i-1,i) = (h(n-i+2:n))' %#ok<AGROW>
    end
end
Y = (H*g')';
subplot(311)
stem(g)
subplot(312)
stem(h)
subplot(313)
stem(Y)
else
    display('Circular Convolution not Possible as Inputs are of Different
Lengths');
end
```