

Example 4 (Same as Example 3, but uses a subroutine for Widrow-Hoff)

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First, set up the data and plot:

```
T1=[1 1 1 -1
    -1 1 -1 -1
    -1 1 -1 -1
    -1 1 -1 -1];
T2=[-1 1 1 1
    -1 -1 1 -1
    -1 -1 1 -1
    -1 -1 1 -1];
G1=[1 1 1 -1
    1 -1 -1 -1
    1 1 1 -1
    1 1 1 -1];
G2=[-1 1 1 1
    -1 1 -1 -1
    -1 1 1 1
    -1 1 1 1];
F1=[1 1 1 -1
    1 1 -1 -1
    1 -1 -1 -1
    1 -1 -1 -1];
F2=[-1 1 1 1
    -1 1 1 -1
    -1 1 -1 -1
    -1 1 -1 -1];

gg=colormap(gray);
gg=gg(end:-1:1,:);

subplot(2,3,1)
imagesc(T1)
colormap(gg)
subplot(2,3,2)
imagesc(G1)
subplot(2,3,3)
imagesc(F1)

subplot(2,3,4)
imagesc(T2)
subplot(2,3,5)
imagesc(G2)
```