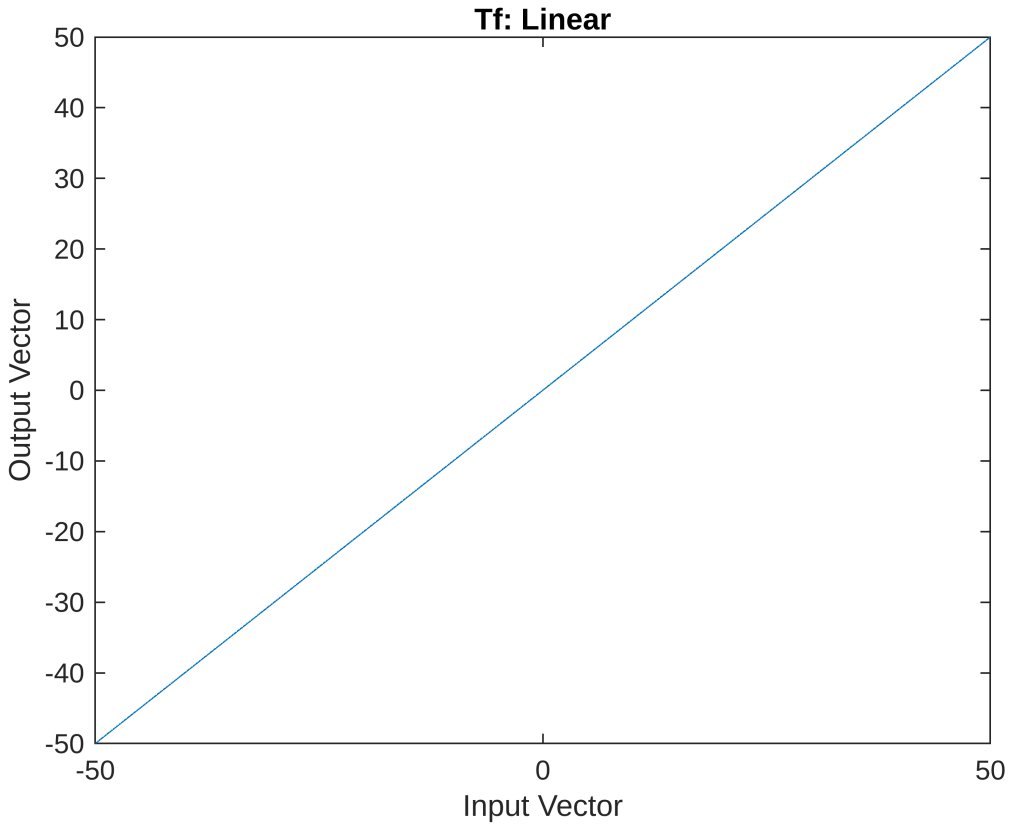
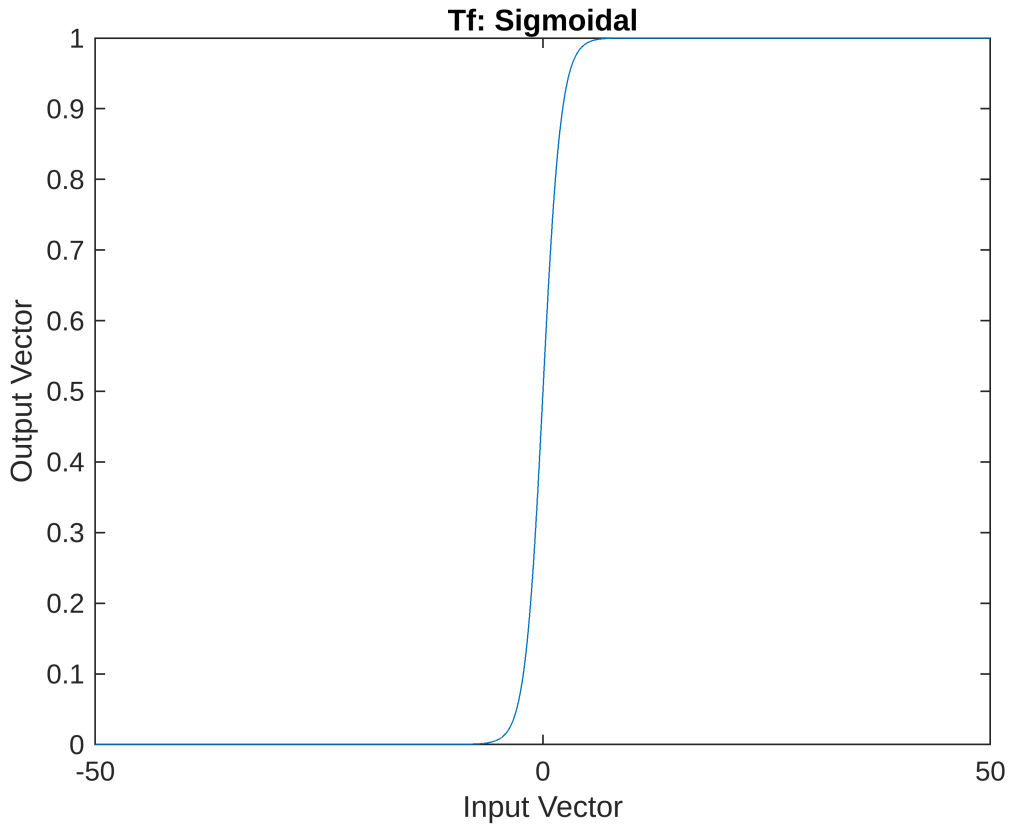
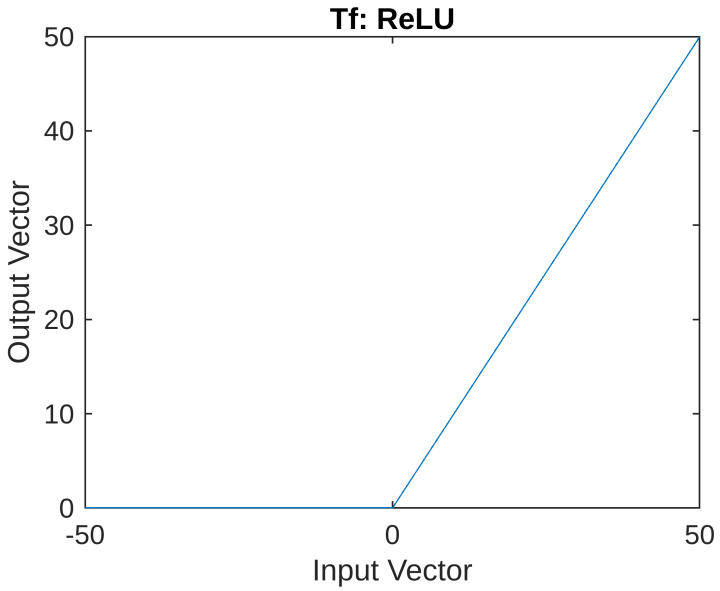
```
% Aditya Agre
% SYCOA06
n1 = -50:0.01:50;
y1 = purelin(n1);
plot(n1,y1);
title('Tf: Linear');
xlabel('Input Vector');
ylabel('Output Vector');
```




```
n1 = -50:0.01:50;
y1 = logsig(n1);
plot(n1,y1);
title('Tf: Sigmoidal');
xlabel('Input Vector');
ylabel('Output Vector');
```




```
n1 = -50:0.01:50;
y1 = poslin(n1);
plot(n1,y1);
title('Tf: ReLU');
xlabel('Input Vector');
ylabel('Output Vector');
```




```
n1 = -50:0.01:50;
y1 = tansig(n1);
plot(n1,y1);
title('Tf: Hyperbolic tangent sigmoid');
xlabel('Input Vector');
ylabel('Output Vector');
```