



```
>>> A = np.loadtxt('h4A1.txt')
>>> x = np.loadtxt('h4x1.txt')
>>> AxIP(A,x)
array([[ 1.70000000e+01,  1.30000000e+01,  1.50000000e+01,
        -3.55271368e-15,  2.00000000e+00,  4.00000000e+00]])
>>> AxVS(A,x)
array([[ 1.70000000e+01,  1.30000000e+01,  1.50000000e+01,
        -3.55271368e-15,  2.00000000e+00,  4.00000000e+00]])
>>> A = np.loadtxt('h4A2.txt')
>>> x = np.loadtxt('h4x2.txt')
>>> AxIP(A,x)
array([ 10.,  9.,  8.,  7.,  6.,  5.])
>>> AxVS(A,x)
array([ 10.,  9.,  8.,  7.,  6.,  5.])
```