6.6 – 1

A =

[[ 4 -2 1]

[ 3 6 -4]

[ 2 1 8]]

A-1 =

[[ 0.19771863 0.06463878 0.00760456]

[-0.121673 0.11406844 0.07224335]

[-0.03422053 -0.03041825 0.11406844]]

A\*A-1=

[[ 1.00000000e+00 -2.08166817e-17 0.00000000e+00]

[ -5.55111512e-17 1.00000000e+00 1.11022302e-16]

[ 0.00000000e+00 -2.77555756e-17 1.00000000e+00]]

Acalculated – Aexact =

[[ 0.00000000e+00 0.00000000e+00 6.07153217e-18]

[ 0.00000000e+00 0.00000000e+00 2.77555756e-17]

[ 0.00000000e+00 -3.46944695e-18 1.38777878e-17]]