Homework 3 solutions

Problem 1.

>> hw3\_1sol

mu1 =

0.5656

-0.6224

mu2 =

1.9066

-1.4085

cov1 =

3.3121 -0.9475

-0.9475 2.2446

cov2 =

6.3584 -3.7961

-3.7961 7.3799

mu1 =

-0.0263

-0.1869

mu2 =

4.0461

-2.8595

cov1 =

0.9737 0.1068

0.1068 0.7448

cov2 =

3.4376 -1.2289

-1.2289 9.4352

mu1 =

-0.0093

-0.0906

mu2 =

4.2852

-3.2796

cov1 =

0.9153 0.2282

0.2282 0.9373

cov2 =

2.8888 0.0774

0.0774 7.6114

mu1 =

0.0276

-0.0675

mu2 =

4.3436

-3.4529

cov1 =

0.9994 0.2856

0.2856 0.9622

cov2 =

2.8930 0.3738

0.3738 7.0120

>>

Problem 2

>> hw3\_2sol

p1x =

0.0062

p2x =

1.4097e-119

Current plot held

g1 =

8.9007

g2 =

1.9525e-009

>>

