Book1 — Saved to my Mac

b
0.100
0.100
0.100
0.100
0.100
0.100
0.100
0.100
0.100
0.100

A

-1.732	1	0	0	0	0	0	0	0
1	-1.732	1	0	0	0	0	0	0
0	1	-1.732	1	0	0	0	0	0
0	0	1	-1.732	1	0	0	0	0
0	0	0	1	-1.732	1	0	0	0
0	0	0	0	1	-1.732	1	0	0
0	0	0	0	0	1	-1.732	1	0
0	0	0	0	0	0	1	-1.732	1
0	0	0	0	0	0	0	1	-1.732

LU

-1.732	1	0	0	0	0	0	0	0
1.0000568	-1.7324	1	0	0	0	0	0	0
0	1.0003455	-1.732	1	0	0	0	0	0
0	0	1.0001145	-1.7322	1	0	0	0	0
0	0	0	1.0002876	-1.7323901	1	0	0	0
0	0	0	0	1.000236	-1	1	0	0
0	0	0	0	0	0.9998613	-1.7316093	1	0
0	0	0	0	0	0	0.9998256	-1.7316	1
0	0	0	0	0	0	0	0.9995948	-1.732

P-1LU

-1.732	1	0	0	0	0	0	0	0	LUPFactorP
1.0000568	-1.7324	1	0	0	0	0	0	0	
0	1.0003455	-1.732	0.9999388	5.84E-05	-2.791E-05	-1.48E-05	4.16E-05	0	
0	0	1	-1.732	1	0	0	0	0	
0	0	0	1	-1.732	1	0	0	0	
0	0	0	0	1	-1.732	1	0	0	
0	0	0	0	0	1	-1.732	1	0	
0	0	0	0	0	0	1	-1.732	1	
0	0	0	0	0	0	0	1	-1.732	

L

1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
-0.5774	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	-0.8661	1.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	-1.155	1.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	-1.733	1.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	1640	1.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-0.0006093	1.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	-0.5776	1.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.8662	1.000

U

-1.732	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	-1.155	1.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	-0.8659	1.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	-0.5772	1.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.0006099	1.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	-1641	1.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	-1.731	1.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	-1.154	1.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.8658

P

1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0	0

L in PLU Decomposition

LUPFactorL	1	0	0	0	0	0	0	0	0
	-0.5774	1	0	0	0	0	0	0	0
	0	0	1	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0
	0	0	0	0	1	0	0	0	0
	0	0	0	0	0	1	0	0	0
	0	0	0	0	0	0	1	0	0
	0	0	0	0	0	0	0	1	0
	0	-0.8661	-0.8659	-0.4998	0.0003048	0.5003	0.8662	1	1

U in PLU Decomposition

LUPFactorU	-1.732	1	0	0	0	0	0	0	0
	0	-1.155	1	0	0	0	0	0	0
	0	0	1	-1.732	1	0	0	0	0
	0	0	0	1	-1.732	1	0	0	0
	0	0	0	0	1	-1.732	1	0	0
	0	0	0	0	0	1	-1.732	1	0
	0	0	0	0	0	0	1	-1.732	1
	0	0	0	0	0	0	0	1	-1.732
	0	0	0	0	0	0	0	0	0.8658

Ly = b	Ux = y		
y	xhat	x	xhat-x
0.1	-0.3890475	0.15766089	-0.546708382
0.15774	-0.5738302	0.37306867	-0.946898918
0.23661861	-0.5050339	0.58849404	-1.093527978
0.3732945	-0.2006903	0.74620301	-0.946893281
0.74691937	0.25745607	0.80392957	-0.546473497
-1224.8478	0.74676234	0.74620301	0.000559336
-0.6462997	0.58924551	0.58849404	0.000751472
-0.2733027	0.37368424	0.37306867	0.000615571
-0.1367348	0.15792888	0.15766089	0.000267987

L2 norm of (xhat - x)
1.893819567

Ly = Pb	Ux = y		
y	xhat	x	xhat-x
0.1	0.15758769	0.15766089	-0.000073200
0.15774	0.37294189	0.37306867	-0.000126783
0.1	0.58848788	0.58849404	-0.000006162
0.1	0.746203	0.74620301	-0.000000004
0.1	0.80393573	0.80392957	0.000006155
0.1	0.74621367	0.74620301	0.000010665
0.1	0.58850636	0.58849404	0.000012316
0.1	0.37307933	0.37306867	0.000010667
0.13650813	0.15766705	0.15766089	0.000006159

L2 norm of (xhat - x)
0.000148071

Sheet1

Ready