Console

Matrix P=

Matrix A=

- 1. 1. 0.
- 2. 3. 4.
- 0. 1. 2.

Matrix B=

- 1. 1. 3.
- 1. 3. 3.
- 2. 4. 4.

Inverse of Matrix A=

Inverse of Matrix B=

3. 1. 1.5

- 1.25 - 0.25 - 0.75

- 0.25 - 0.25 - 0.25

Inverse(B)*A=

5. 1.5 7.

- 1.75 - 0.25 - 2.5

- 0.75 - 0.75 - 1.5

A*Inverse(B)*A+B=

7.75 2.75 12.5

2.75 2.25 - 2.5

- 5.25 - 5.75 - 9.5

Inverse(A*Inverse(B)*A+B)=

0.0182544 - 0.1374786 - 0.0450656

X=

Y=

- 0.1631489 - 0.2087849 - 0.1597262 0.1791215 - 0.0365088 0.2452938 - 0.0182544 0.1374786 0.0450656

Inverse of Matrix P=

0.6748431 - 0.1631489i 0.1363377 - 0.2087849i 0.1152310 - 0.1597262i -0.2863662 + 0.1791215i -0.0308043 - 0.0365088i -0.1055334 + 0.2452938i -0.0154022 - 0.0182544i 0.0222476 + 0.1374786i 0.1317741 + 0.0450656i