

Enter the size of the vector: 3

Enter 3 vector element(s): 1 2 3

Matrix M (Latin Square):

1.00 2.00 3.00

2.00 3.00 1.00

3.00 1.00 2.00

Matrix P (M \* M):

14.00 11.00 11.00

11.00 14.00 11.00

11.00 11.00 14.00

Normalized Matrix P (each entry divided by 14.00):

1.00 0.79 0.79

0.79 1.00 0.79

0.79 0.79 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.79 0.79

Matrix M (Latin Square):

1.00 0.79 0.79

0.79 0.79 1.00

0.79 1.00 0.79

Matrix P (M \* M):

2.25 2.20 2.20

2.20 2.25 2.20

2.20 2.20 2.25

Normalized Matrix P (each entry divided by 2.25):

1.00 0.98 0.98

0.98 1.00 0.98

0.98 0.98 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.98 0.98

Matrix M (Latin Square):

1.00 0.98 0.98

0.98 0.98 1.00

0.98 1.00 0.98

Matrix P (M \* M):

2.92 2.92 2.92

2.92 2.92 2.92

2.92 2.92 2.92

Normalized Matrix P (each entry divided by 2.92):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 1.00 1.00

Matrix M (Latin Square):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

Matrix P (M \* M):

3.00 3.00 3.00

3.00 3.00 3.00

3.00 3.00 3.00

Normalized Matrix P (each entry divided by 3.00):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 23 445 78

Matrix M (Latin Square):

23.00 445.00 78.00

445.00 78.00 23.00

78.00 23.00 445.00

Matrix P (M \* M):

204638.00 46739.00 46739.00

46739.00 204638.00 46739.00

46739.00 46739.00 204638.00

Normalized Matrix P (each entry divided by 204638.00):

1.00 0.23 0.23

0.23 1.00 0.23

0.23 0.23 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.23 0.23

Matrix M (Latin Square):

1.00 0.23 0.23

0.23 0.23 1.00

0.23 1.00 0.23

Matrix P (M \* M):

1.11 0.51 0.51

0.51 1.11 0.51

0.51 0.51 1.11

Normalized Matrix P (each entry divided by 1.11):

1.00 0.46 0.46

0.46 1.00 0.46

0.46 0.46 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.46 0.46

Matrix M (Latin Square):

1.00 0.46 0.46

0.46 0.46 1.00

0.46 1.00 0.46

Matrix P (M \* M):

1.42 1.13 1.13

1.13 1.42 1.13

1.13 1.13 1.42

Normalized Matrix P (each entry divided by 1.42):

1.00 0.80 0.80

0.80 1.00 0.80

0.80 0.80 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.80 0.80

Matrix M (Latin Square):

1.00 0.80 0.80

0.80 0.80 1.00

0.80 1.00 0.80

Matrix P ( $M * M$ ):

2.28 2.24 2.24

2.24 2.28 2.24

2.24 2.24 2.28

Normalized Matrix P (each entry divided by 2.28):

1.00 0.98 0.98

0.98 1.00 0.98

0.98 0.98 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.98 0.98

Matrix M (Latin Square):

1.00 0.98 0.98

0.98 0.98 1.00

0.98 1.00 0.98

Matrix P (M \* M):

2.92 2.92 2.92

2.92 2.92 2.92

2.92 2.92 2.92

Normalized Matrix P (each entry divided by 2.92):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 1.00 1.00

Matrix M (Latin Square):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

Matrix P (M \* M):

3.00 3.00 3.00

3.00 3.00 3.00

3.00 3.00 3.00

Normalized Matrix P (each entry divided by 3.00):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 0.5 0.3 0.7

Matrix M (Latin Square):

0.50 0.30 0.70

0.30 0.70 0.50

0.70 0.50 0.30



Matrix P (M \* M):

0.83 0.71 0.71

0.71 0.83 0.71

0.71 0.71 0.83

Normalized Matrix P (each entry divided by 0.83):

1.00 0.86 0.86

0.86 1.00 0.86

0.86 0.86 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.86 0.86

Matrix M (Latin Square):

1.00 0.86 0.86

0.86 0.86 1.00

0.86 1.00 0.86

Matrix P (M \* M):

2.48 2.46 2.46

2.46 2.48 2.46

2.46 2.46 2.48

Normalized Matrix P (each entry divided by 2.48):

1.00 0.99 0.99

0.99 1.00 0.99

0.99 0.99 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.99 0.99

Matrix M (Latin Square):

1.00 0.99 0.99

0.99 0.99 1.00

0.99 1.00 0.99

Matrix P (M \* M):

2.96 2.96 2.96

2.96 2.96 2.96

2.96 2.96 2.96

Normalized Matrix P (each entry divided by 2.96):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 1.00 1.00

Matrix M (Latin Square):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

Matrix P (M \* M):

3.00 3.00 3.00

3.00 3.00 3.00

3.00 3.00 3.00

Normalized Matrix P (each entry divided by 3.00):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 1.00 0.06

Matrix M (Latin Square):

1.00 1.00 0.06

1.00 0.06 1.00

0.06 1.00 1.00

Matrix P (M \* M):

2.00 1.12 1.12

1.12 2.00 1.12

1.12 1.12 2.00

Normalized Matrix P (each entry divided by 2.00):

1.00 0.56 0.56

0.56 1.00 0.56

0.56 0.56 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.56 0.56

Matrix M (Latin Square):

1.00 0.56 0.56

0.56 0.56 1.00

0.56 1.00 0.56

Matrix P (M \* M):

1.63 1.43 1.43

1.43 1.63 1.43

1.43 1.43 1.63

Normalized Matrix P (each entry divided by 1.63):

1.00 0.88 0.88

0.88 1.00 0.88

0.88 0.88 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.88 0.88

Matrix M (Latin Square):

1.00 0.88 0.88

0.88 0.88 1.00

0.88 1.00 0.88

Matrix P (M \* M):

2.55 2.53 2.53

2.53 2.55 2.53

2.53 2.53 2.55

Normalized Matrix P (each entry divided by 2.55):

1.00 0.99 0.99

0.99 1.00 0.99

0.99 0.99 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 0.99 0.99

Matrix M (Latin Square):

1.00 0.99 0.99

0.99 0.99 1.00

0.99 1.00 0.99

Matrix P (M \* M):

2.96 2.96 2.96

2.96 2.96 2.96

2.96 2.96 2.96

Normalized Matrix P (each entry divided by 2.96):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 1.00 1.00

Matrix M (Latin Square):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

Matrix P (M \* M):

3.00 3.00 3.00

3.00 3.00 3.00

3.00 3.00 3.00

Normalized Matrix P (each entry divided by 3.00):

1.00 1.00 1.00

1.00 1.00 1.00

1.00 1.00 1.00

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Enter the size of the vector: 3

Enter 3 vector element(s): -3 -6 9

Matrix M (Latin Square):

-3.00 -6.00 9.00

-6.00 9.00 -3.00

9.00 -3.00 -6.00

Matrix P (M \* M):

126.00 -63.00 -63.00

-63.00 126.00 -63.00

-63.00 -63.00 126.00

Normalized Matrix P (each entry divided by 126.00):

1.00 -0.50 -0.50

-0.50 1.00 -0.50

-0.50 -0.50 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.50 -0.50

Matrix M (Latin Square):

1.00 -0.50 -0.50

-0.50 -0.50 1.00

-0.50 1.00 -0.50

Matrix P (M \* M):

1.50 -0.75 -0.75

-0.75 1.50 -0.75

-0.75 -0.75 1.50

Normalized Matrix P (each entry divided by 1.50):

1.00 -0.50 -0.50

-0.50 1.00 -0.50



-0.50 -0.50 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.50 -0.50

Matrix M (Latin Square):

1.00 -0.50 -0.50

-0.50 -0.50 1.00

-0.50 1.00 -0.50

Matrix P (M \* M):

1.50 -0.75 -0.75

-0.75 1.50 -0.75

-0.75 -0.75 1.50

Normalized Matrix P (each entry divided by 1.50):

1.00 -0.50 -0.50

-0.50 1.00 -0.50

-0.50 -0.50 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.50 0.5

Matrix M (Latin Square):

1.00 -0.50 0.50

-0.50 0.50 1.00

0.50 1.00 -0.50

Matrix P (M \* M):

1.50 -0.25 -0.25

-0.25 1.50 -0.25

-0.25 -0.25 1.50

Normalized Matrix P (each entry divided by 1.50):

1.00 -0.17 -0.17

-0.17 1.00 -0.17

-0.17 -0.17 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.17 -0.17

Matrix M (Latin Square):

1.00 -0.17 -0.17

-0.17 -0.17 1.00

-0.17 1.00 -0.17

Matrix P (M \* M):

1.06 -0.31 -0.31

-0.31 1.06 -0.31

-0.31 -0.31 1.06

Normalized Matrix P (each entry divided by 1.06):

1.00 -0.29 -0.29

-0.29 1.00 -0.29

-0.29 -0.29 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.29 -0.29

Matrix M (Latin Square):

1.00 -0.29 -0.29

-0.29 -0.29 1.00

-0.29 1.00 -0.29

Matrix P (M \* M):

1.17 -0.50 -0.50

-0.50 1.17 -0.50

-0.50 -0.50 1.17

Normalized Matrix P (each entry divided by 1.17):

1.00 -0.42 -0.42

-0.42 1.00 -0.42

-0.42 -0.42 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.42 -0.42

Matrix M (Latin Square):

1.00 -0.42 -0.42

-0.42 -0.42 1.00

-0.42 1.00 -0.42

Matrix P (M \* M):

1.35 -0.66 -0.66

-0.66 1.35 -0.66

-0.66 -0.66 1.35

Normalized Matrix P (each entry divided by 1.35):

1.00 -0.49 -0.49

-0.49 1.00 -0.49

-0.49 -0.49 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.49 -0.49

Matrix M (Latin Square):

1.00 -0.49 -0.49

-0.49 -0.49 1.00

-0.49 1.00 -0.49

Matrix P (M \* M):

1.48 -0.74 -0.74

-0.74 1.48 -0.74

-0.74 -0.74 1.48

Normalized Matrix P (each entry divided by 1.48):

1.00 -0.50 -0.50

-0.50 1.00 -0.50

-0.50 -0.50 1.00

-----

Enter the size of the vector: 3

Enter 3 vector element(s): 1.00 -0.50 -0.50

Matrix M (Latin Square):

1.00 -0.50 -0.50

-0.50 -0.50 1.00

-0.50 1.00 -0.50

Matrix P (M \* M):

1.50 -0.75 -0.75

-0.75 1.50 -0.75

-0.75 -0.75 1.50

Normalized Matrix P (each entry divided by 1.50):

1.00 -0.50 -0.50

-0.50 1.00 -0.50

-0.50 -0.50 1.00

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Enter the size of the vector: