Matrix L.U. decomposition

# Task 1

Decomposite matrix with gauss method.

first col

second col

final

## Check (H.W.)

# Task 2 (H.W.)

Decomposite matrix with other method

U matrix first row:

L matrix first col:

II. row II. col

III. row II. col

II. row III. col

III. row III. col

# Task 3

Decomposite matrix with gauss method.

first col

second col

final

# Task 4 (H.W.)

## Technic I.

U matrix first row:

L matrix first col:

II. row II. col

III. row II. col

II. row III. col

III. row III. col

## Technic II.

first col

second col

final

# Task 5 (H.W.)

## Technic I.

U matrix first row:

L matrix first col:

II. row II. col

III. row II. col

II. row III. col

III. row III. col

## Technic II.

first col

second col

final