

10. veljače 2017. od 09:00 do 11:00

2017  natjecanje iz informatike  
**Državno**

Županijsko natjecanje / Osnovna škola (5. razred)  
Algoritmi (Logo)

## SLUŽBENI TEST PODACI

## Zadatak 1: Sat

30 bodova

	Primjer	Slika	Bodovi
<b>Test 1</b>	CS SAT 0 100	Slika 1.1	6
<b>Test 2</b>	CS SAT 0 50	Slika 1.2	6
<b>Test 3</b>	CS SAT 0 150	Slika 1.3	6
<b>Test 4</b>	CS SAT 50 100	Slika 1.4	6
<b>Test 5</b>	CS SAT 100 30	Slika 1.5	6

**Napomena:** bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

## Zadatak 2: Pacman

40 bodova

	Primjer	Slika	Bodovi
<b>Test 1</b>	CS PACMAN 0 100 30	Slika 2.1	5
<b>Test 2</b>	CS PACMAN 0 150 10	Slika 2.2	5
<b>Test 3</b>	CS PACMAN 1 80 20	Slika 2.3	5
<b>Test 4</b>	CS PACMAN 1 100 30	Slika 2.4	5
<b>Test 5</b>	CS PACMAN 2 120 50	Slika 2.5	5
<b>Test 6</b>	CS PACMAN 3 90 25	Slika 2.6	5
<b>Test 7</b>	CS PACMAN 5 100 20	Slika 2.7	5
<b>Test 8</b>	CS PACMAN 7 120 10	Slika 2.8	5

**Napomena:** bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

## Zadatak 3: Ograda

60 bodova

	Primjer	Slika	Bodovi
<b>Test 1</b>	CS OGRADA 1 120 50 10 10	Slika 3.1	6
<b>Test 2</b>	CS OGRADA 3 150 40 20 0	Slika 3.2	6
<b>Test 3</b>	CS OGRADA 5 170 20 40 0	Slika 3.3	6
<b>Test 4</b>	CS OGRADA 7 100 40 15 0	Slika 3.4	6
<b>Test 5</b>	CS OGRADA 5 160 50 0 50	Slika 3.5	6
<b>Test 6</b>	CS OGRADA 7 120 30 0 0	Slika 3.6	6
<b>Test 7</b>	CS OGRADA 11 200 20 0 40	Slika 3.7	6
<b>Test 8</b>	CS OGRADA 5 200 30 20 40	Slika 3.8	6
<b>Test 9</b>	CS OGRADA 9 180 25 30 15	Slika 3.9	6
<b>Test 10</b>	CS OGRADA 11 200 15 20 20	Slika 3.10	6

**Napomena:** bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

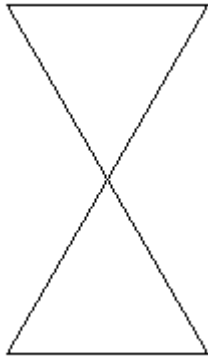
## Zadatak 4: Disko

70 bodova

	Primjer	Slika	Bodovi
<b>Test 1</b>	CS DISKO 2 1 0 30	Slika 3.1	7
<b>Test 2</b>	CS DISKO 4 1 0 30	Slika 3.2	7
<b>Test 3</b>	CS DISKO 6 2 0 20	Slika 3.3	7
<b>Test 4</b>	CS DISKO 5 4 0 20	Slika 3.4	7
<b>Test 5</b>	CS DISKO 3 3 1 20	Slika 3.5	7
<b>Test 6</b>	CS DISKO 4 3 2 20	Slika 3.6	7
<b>Test 7</b>	CS DISKO 5 6 2 20	Slika 3.7	7
<b>Test 8</b>	CS DISKO 4 4 3 30	Slika 3.8	7
<b>Test 9</b>	CS DISKO 3 5 4 38	Slika 3.9	7
<b>Test 10</b>	CS DISKO 2 5 5 45	Slika 3.10	7

**Napomena:** bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

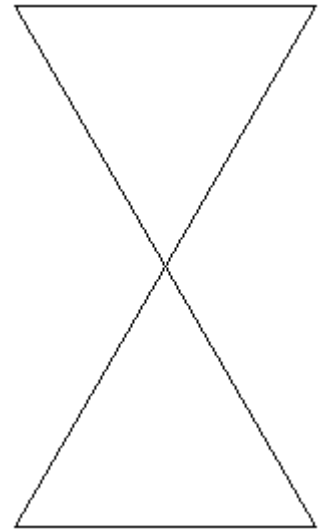
## Slike 1: Sat



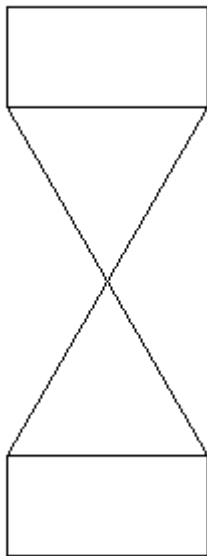
Slika 1.1



Slika 1.2



Slika 1.3

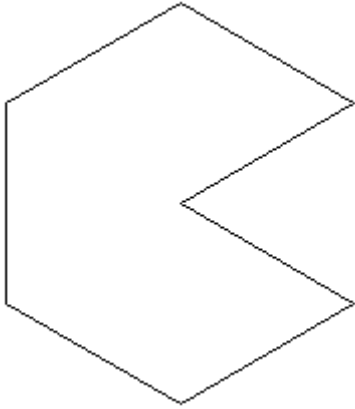


Slika 1.4

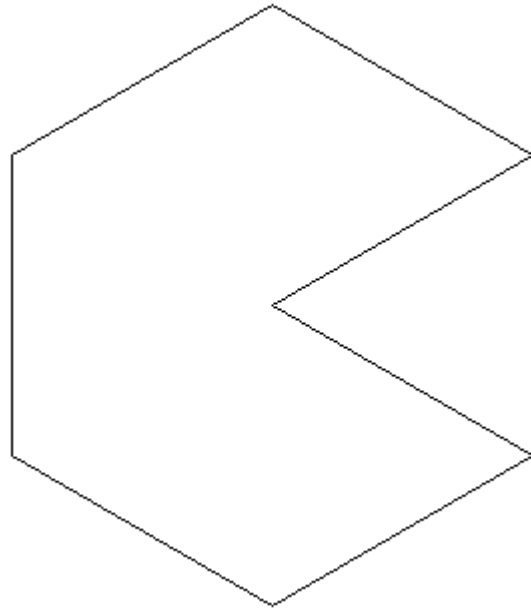


Slika 1.5

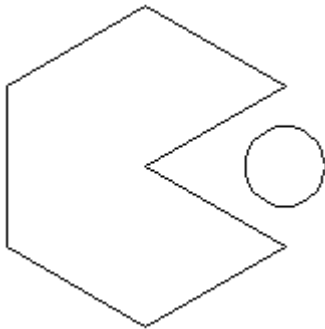
## Slike 2: Pacman



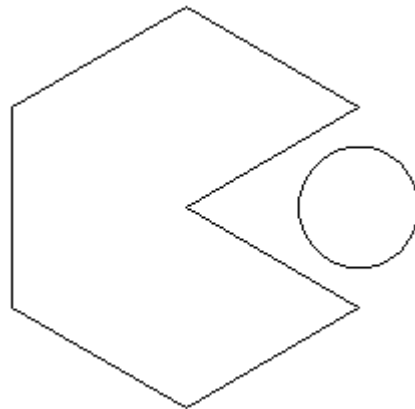
Slika 2.1



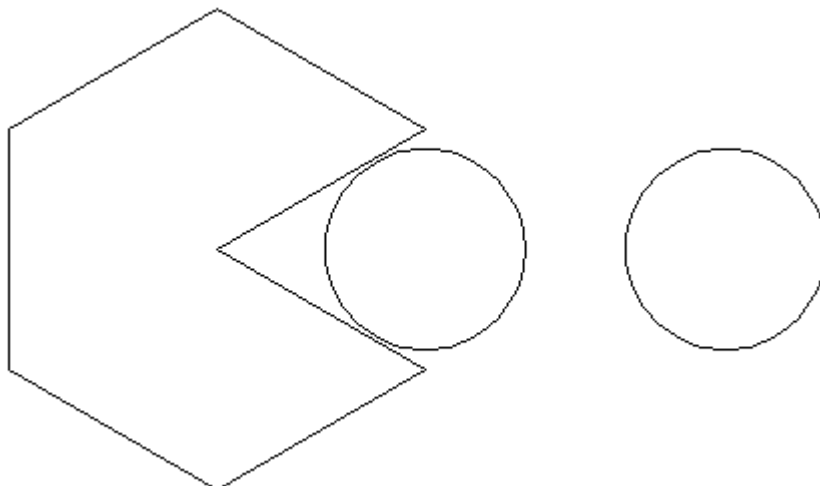
Slika 2.2



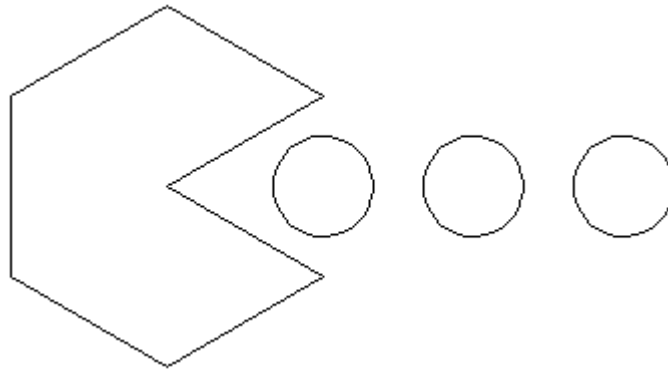
Slika 2.3



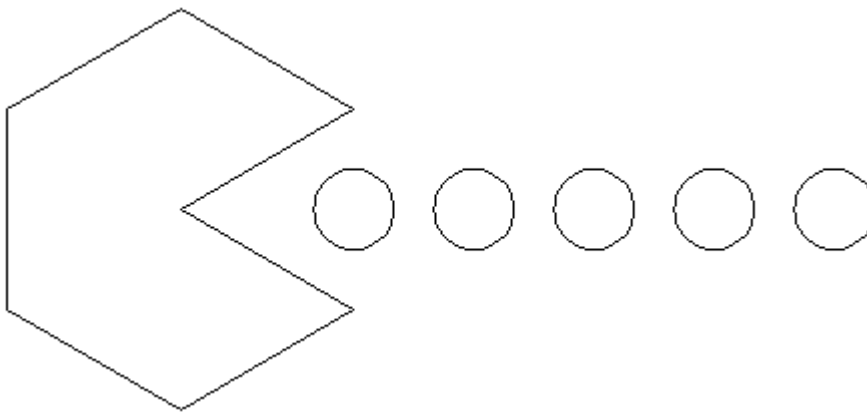
Slika 2.4



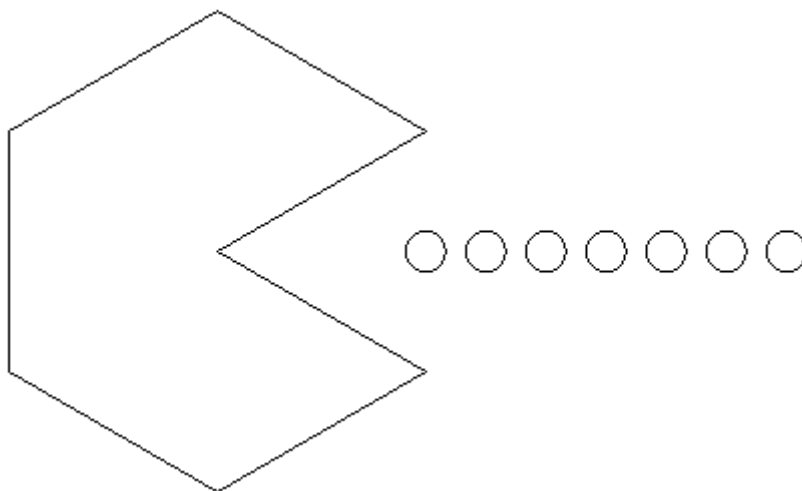
Slika 2.5



Slika 2.6



Slika 2.7

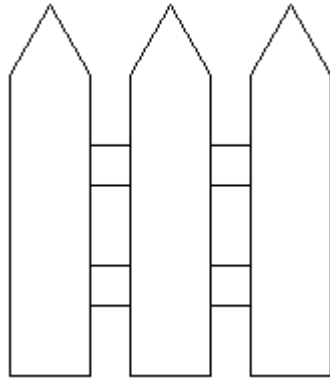


Slika 2.8

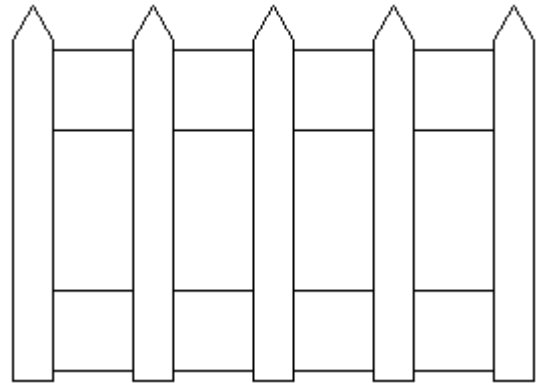
## Slike 3: Ograda



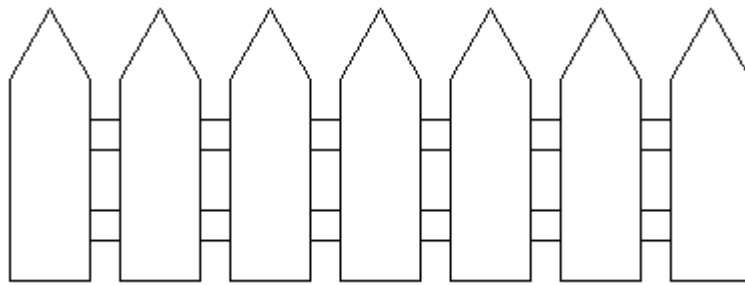
Slika 3.1



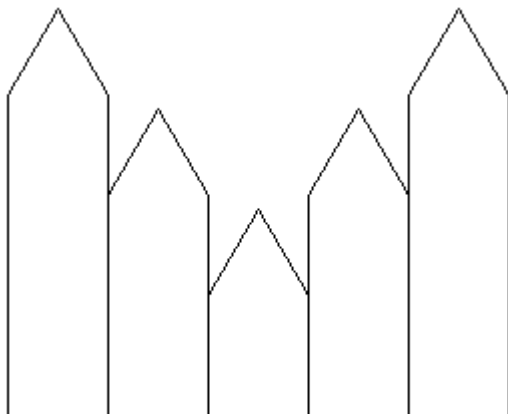
Slika 3.2



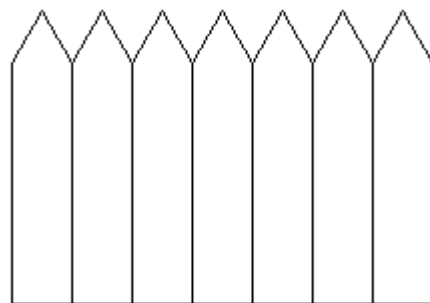
Slika 3.3



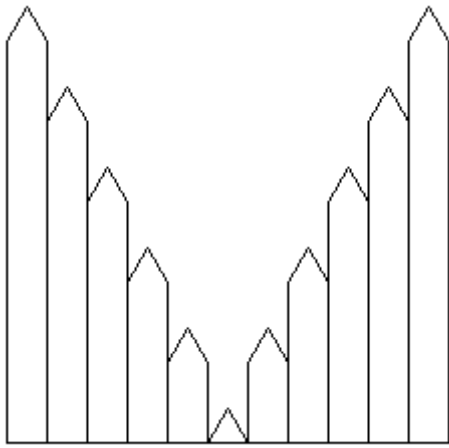
Slika 3.4



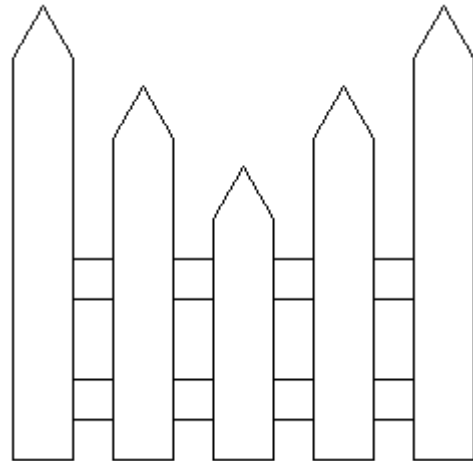
Slika 3.5



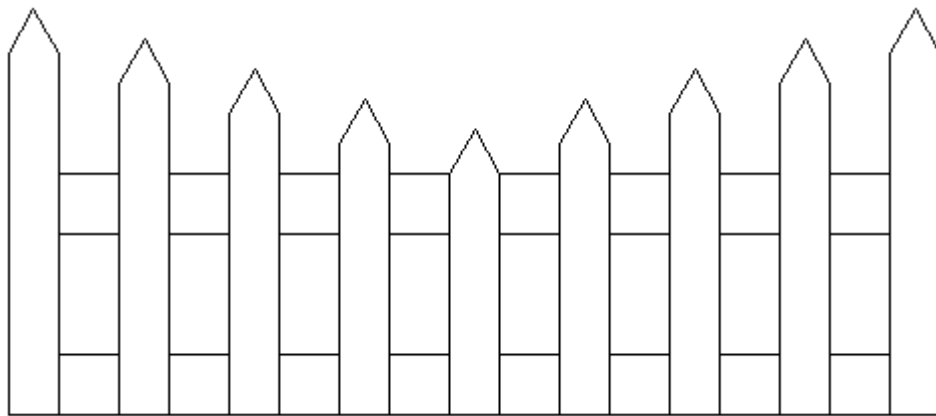
Slika 3.6



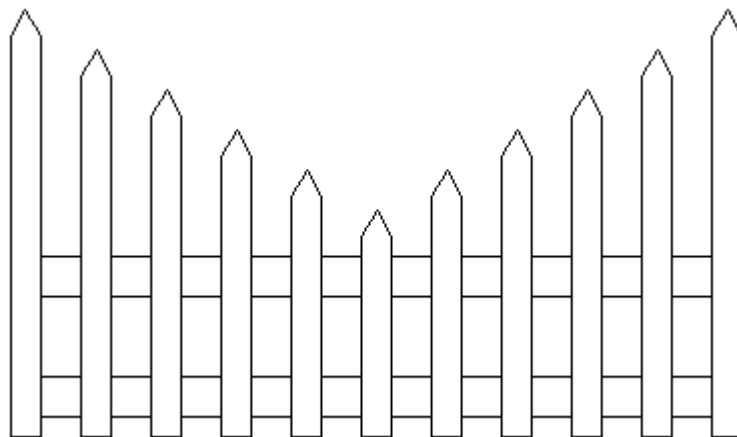
Slika 3.7



Slika 3.8



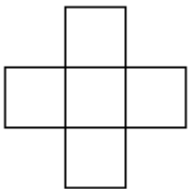
Slika 3.9



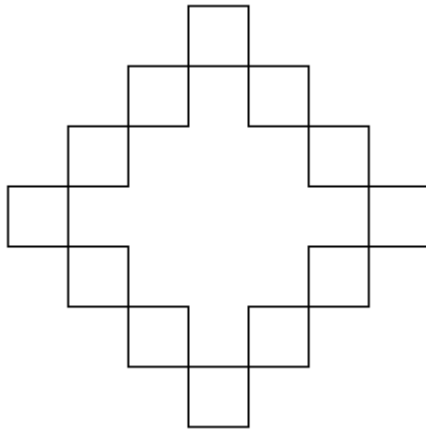
Slika 3.10



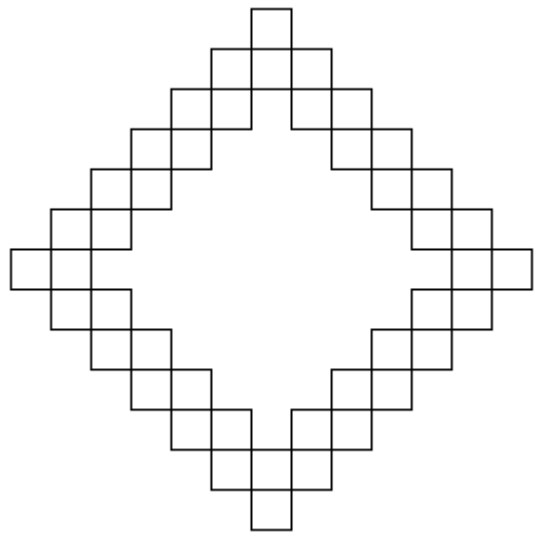
## Slike 4: Disko



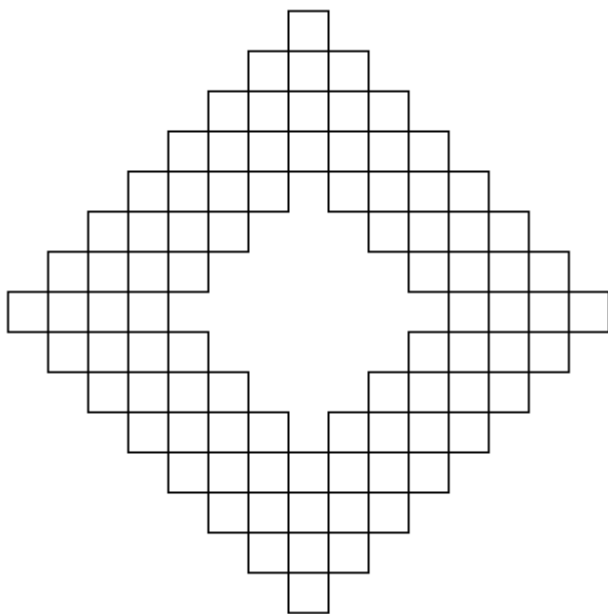
Slika 4.1



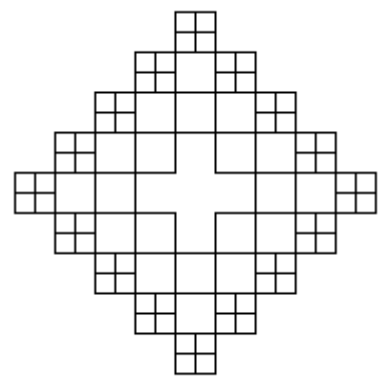
Slika 4.2



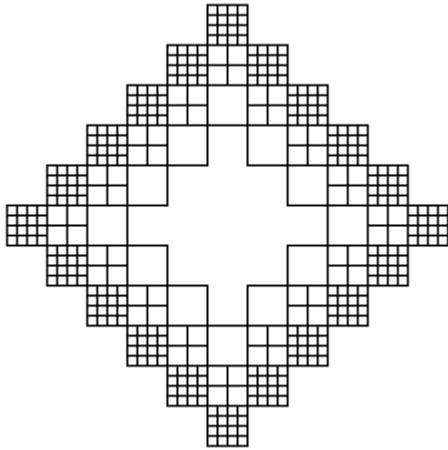
Slika 4.3



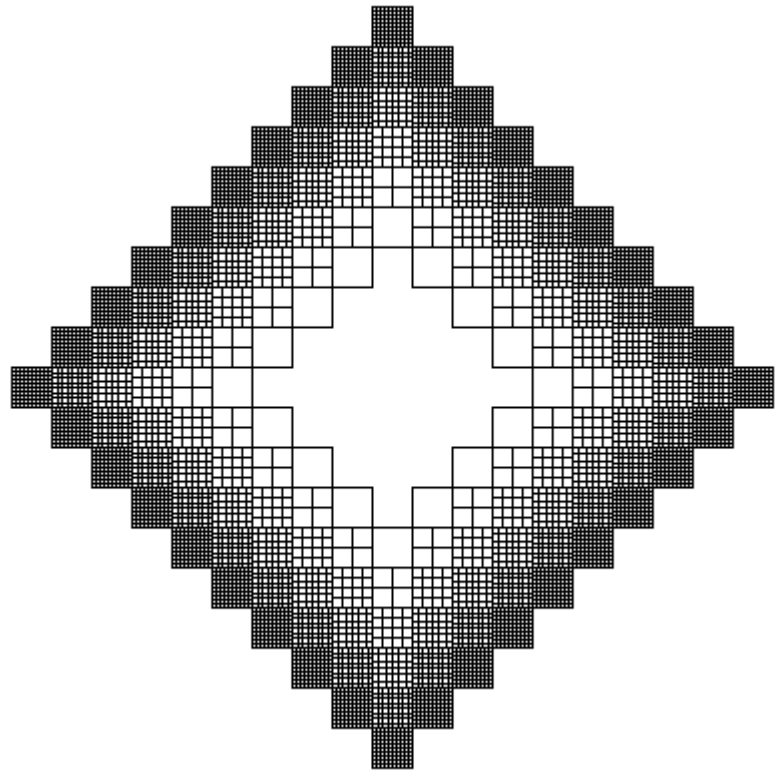
Slika 4.4



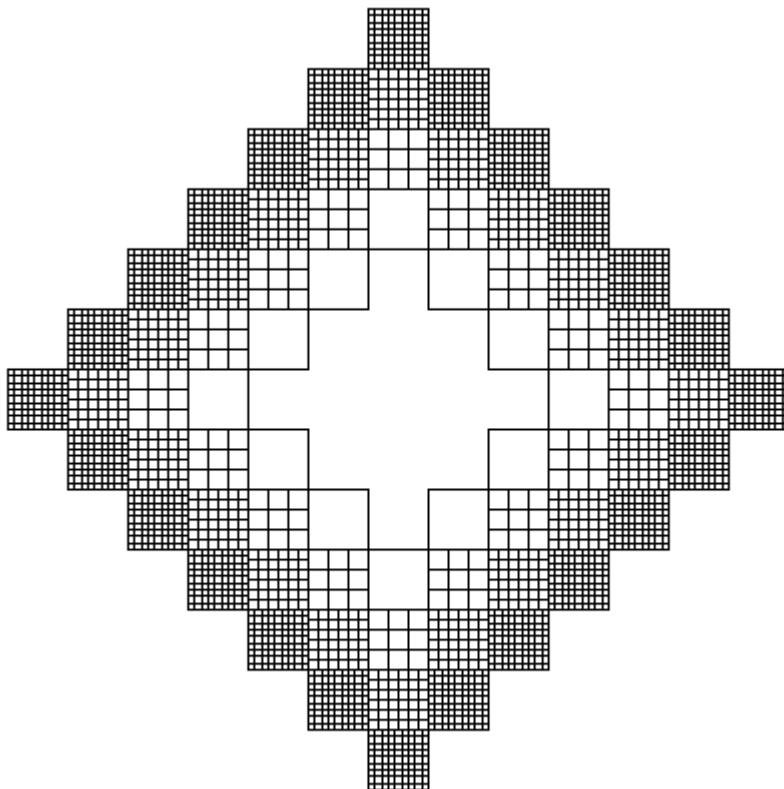
Slika 4.5



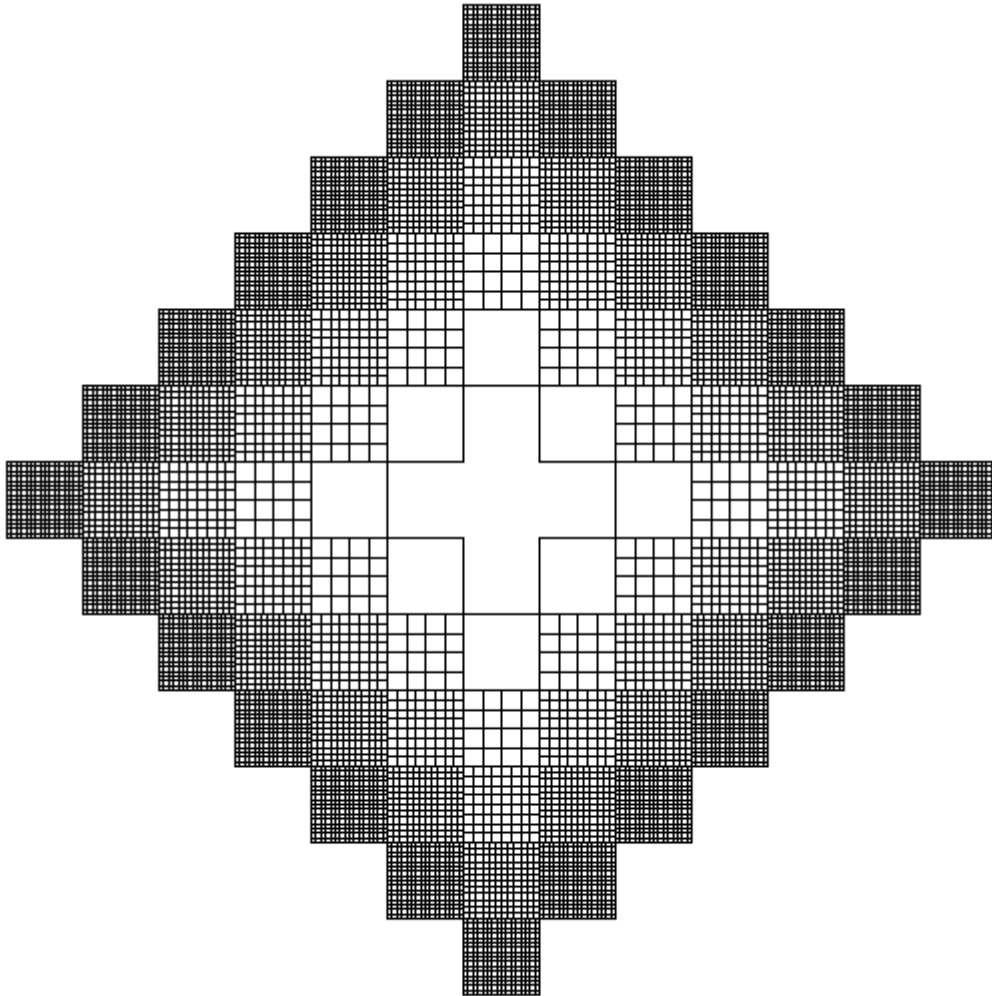
Slika 4.6



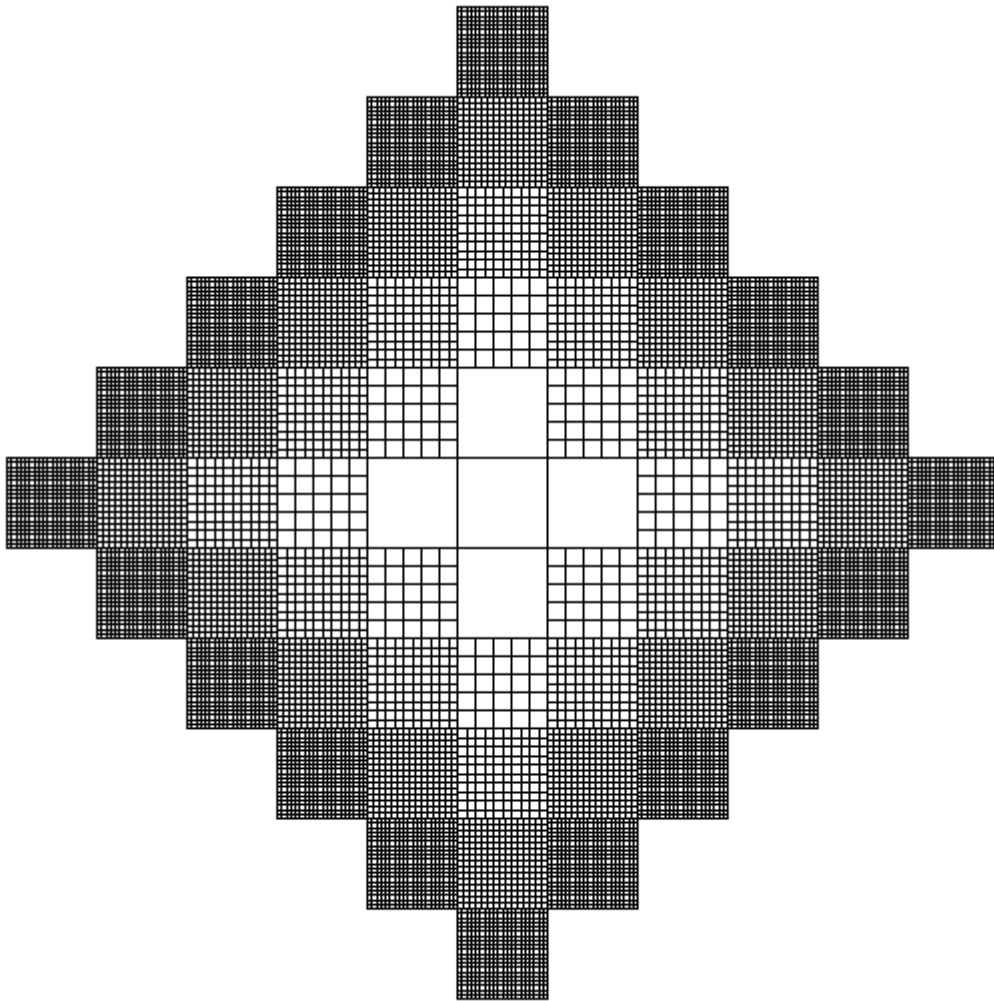
Slika 4.7



Slika 4.8



Slika 4.9



Slika 4.10