NTP 2021 – Projekat

# Eksperimenti jakog i slabog skaliranja

## - PSO algoritam –

Tehnički detalji sistema:

* Operating System: Microsoft Windows 10 Pro N
* CPU Type: QuadCore Intel Core i5-9300H, 4000 MHz (40 x 100)
* CPU Cores: 4 physical, 8 logical
* CPU Cash:
* Motherboard Name: Lenovo IdeaPad L340-15IRH Gaming
* Motherboard Chipset Intel Cannon Point HM370, Intel Coffee Lake-H
* Video Adapter: GeForce GTX 1050 (3 GB)
* Disk Drive: TS512GMTE110S (512 GB, PCI-E 3.0 x4)
* RAM: 8GB DDR4

Korišćene biblioteke:

* "fmt"
* "image"
* "image/draw"
* "math"
* "math/rand"
* "sort"
* "sync"
* "strconv"
* "os"
* "github.com/anthonynsimon/bild/imgio"

Informacije o paralelizaciji:

* Sekvencijalni deo koda:
* Paralelizovani deo:
* Broj jezgara: isprobano je korišćenje jednog, dva, tri i četiri fizičkih jezgara.

# Jako skaliranje

# Slabo skaliranje