

Ljubljana, 30.3.2009

# Povprečja

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3. projekt

Ian Stergar

1. Naloga (Intervali.dat)

Average:

311,084985

Standard deviation:

314,9990671

Prva tretina:

Average:

302,7642643

Standard deviation:

324,1524689

Druga tretina:

Average:

331,6

Standard deviation:

328,1143393

Tretja tretina:

Average:

298,8906907

Standard deviation:

291,369879

Opomba: Rezultati so zapisani v mikrosekundah.

2. Naloga

a)Agxx.dat

Average:

17,403

Standard deviation:

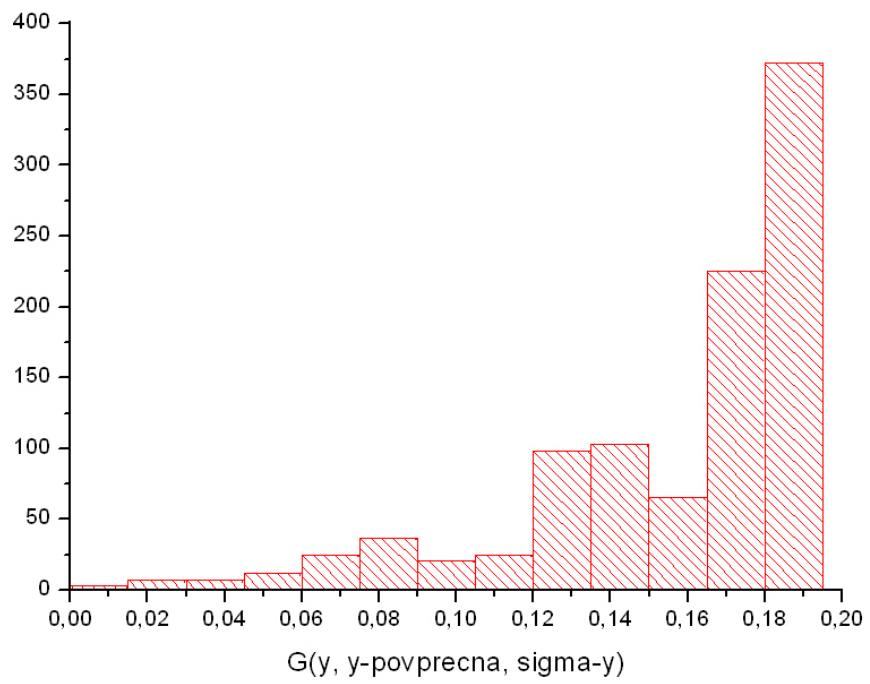
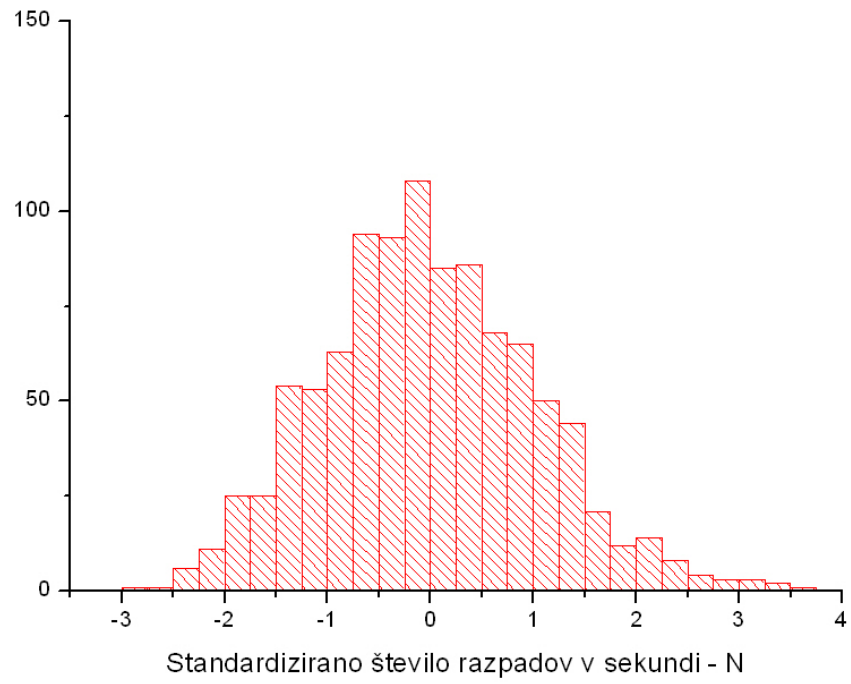
4,17420831

Skewness:

0,267246819

Opomba: Tukaj rezultati predstavljajo razpade na sekundo.

Grafi:



b)Ozadje.dat

Average:

1,77893E-08

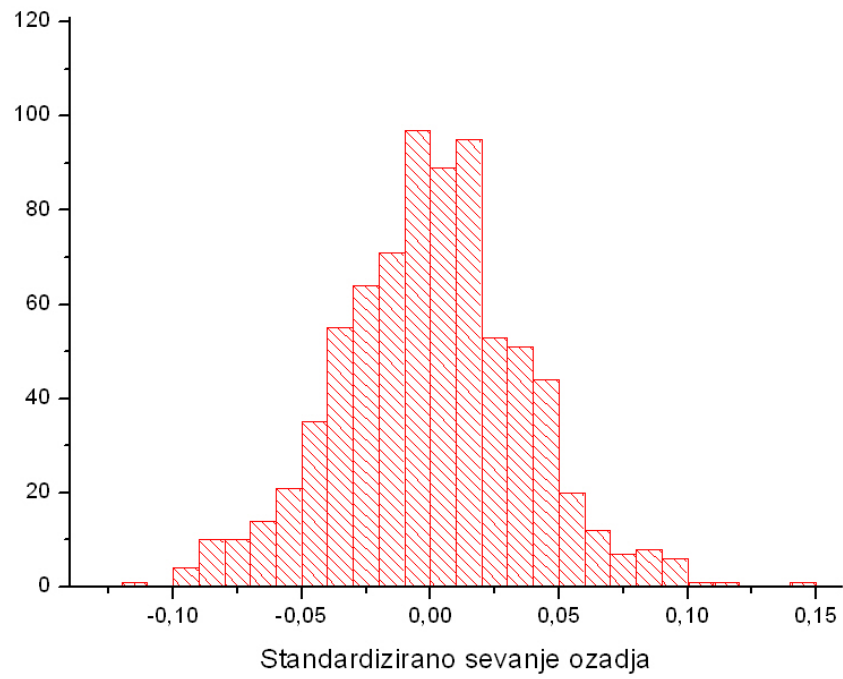
Standard deviation:

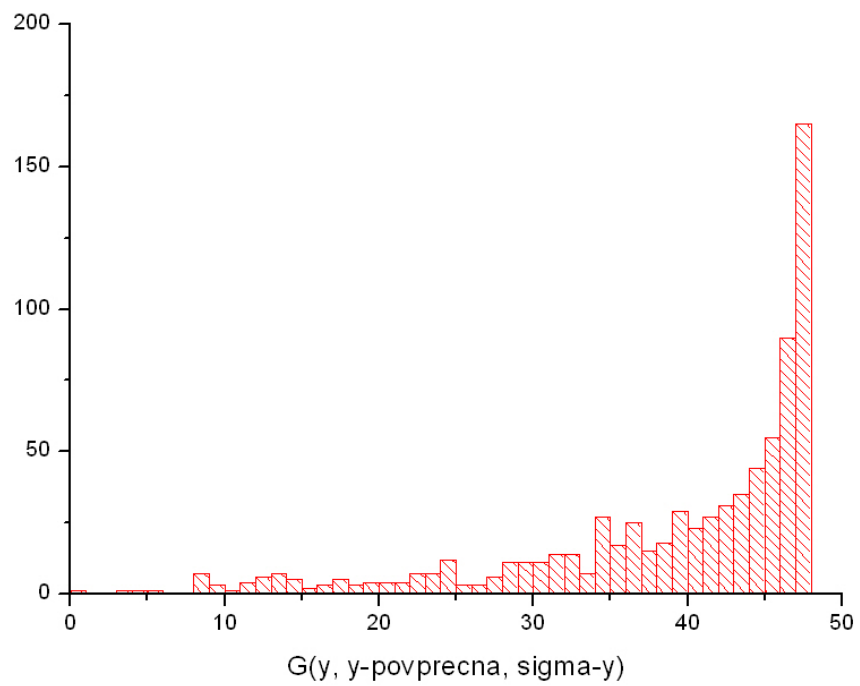
7,01202E-05

Skewness:

0,083586766

Grafi:





### 3. Naloga (sinus)

Iz grafa sem izpisal 200 000 točk in jih v excelu obdelal. Povprečna vrednost pride  $-2,12607E-19$ , kar je zelo malo, oziroma skoraj nič. Standardna deviacija pride 0,706944879.