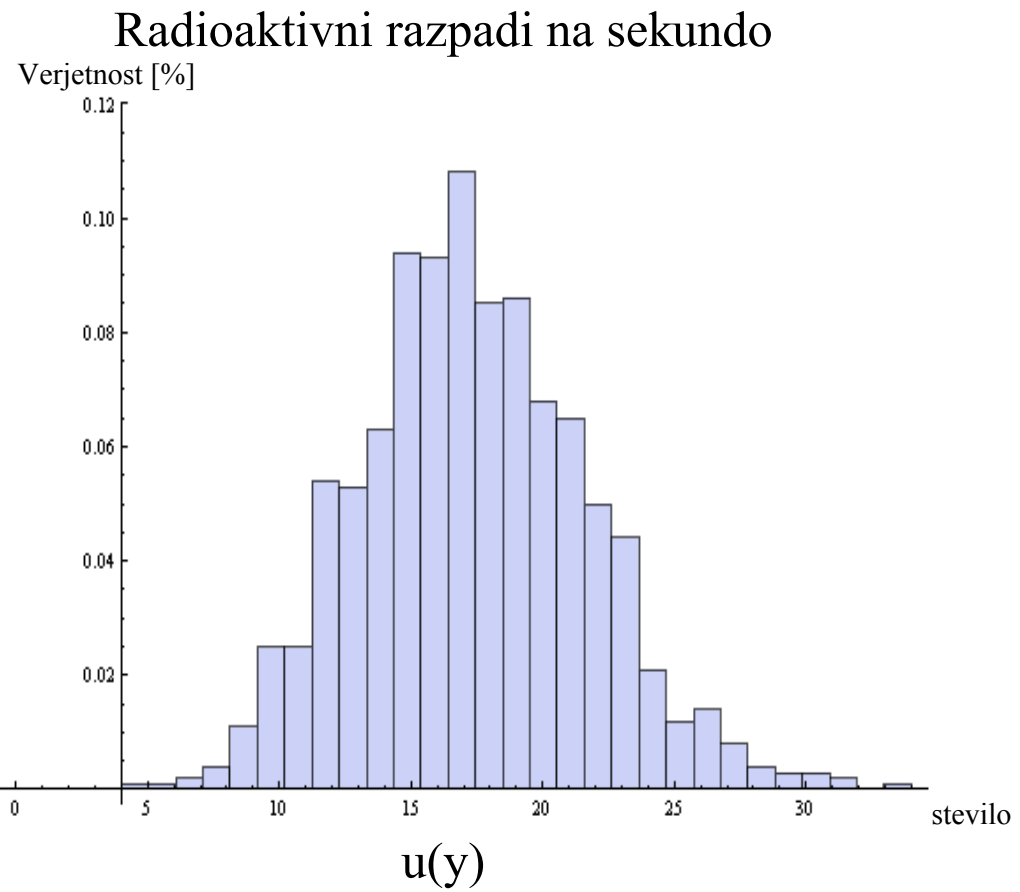


## 1. Interval.dat

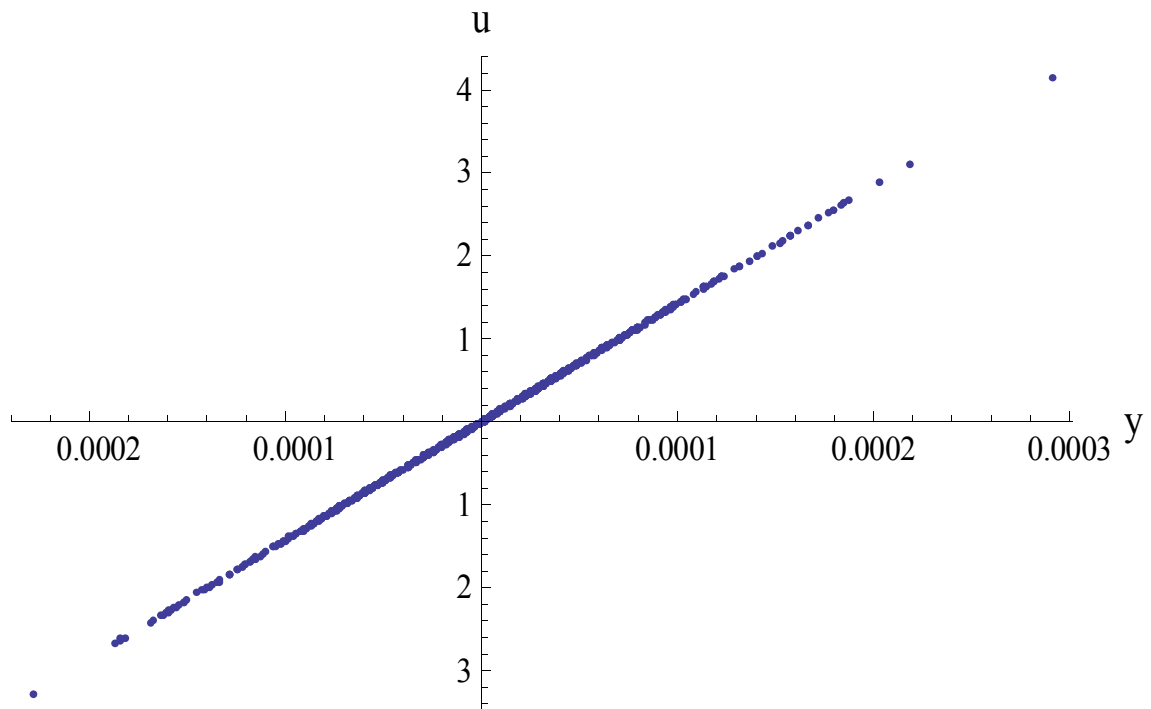
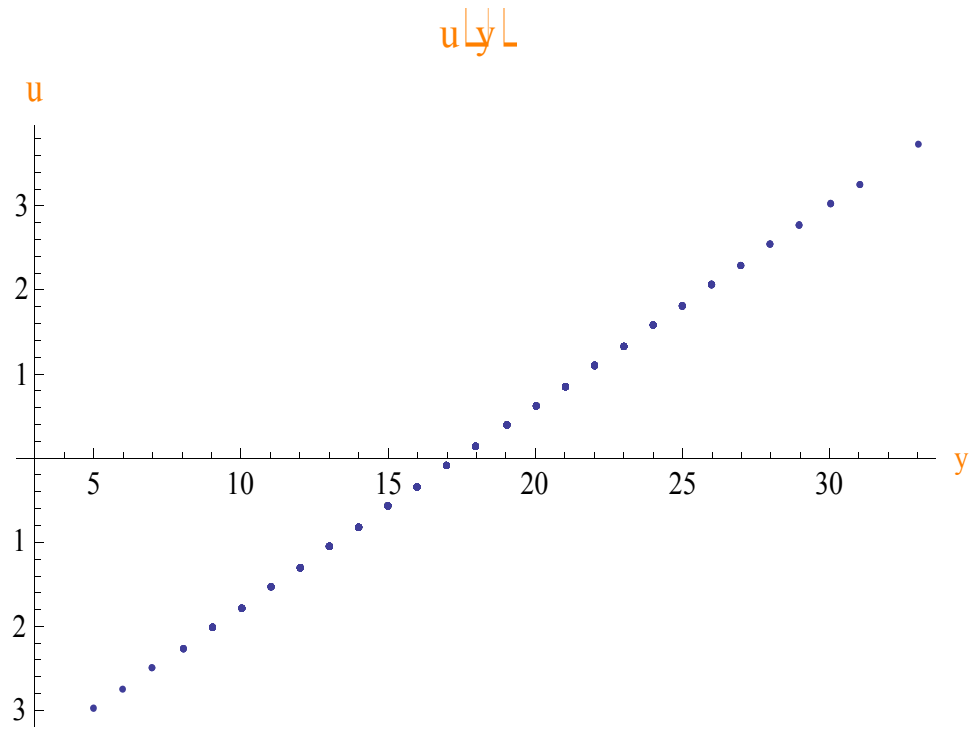
	celota	1.tretjina	2.tretjina	3.tretjina
Povprečje podatkov	311.084985	302.764264	331.600000	298.890691
Sigma	314.841370	323.665388	327.621305	290.932058
Število elementov	999	333	333	333

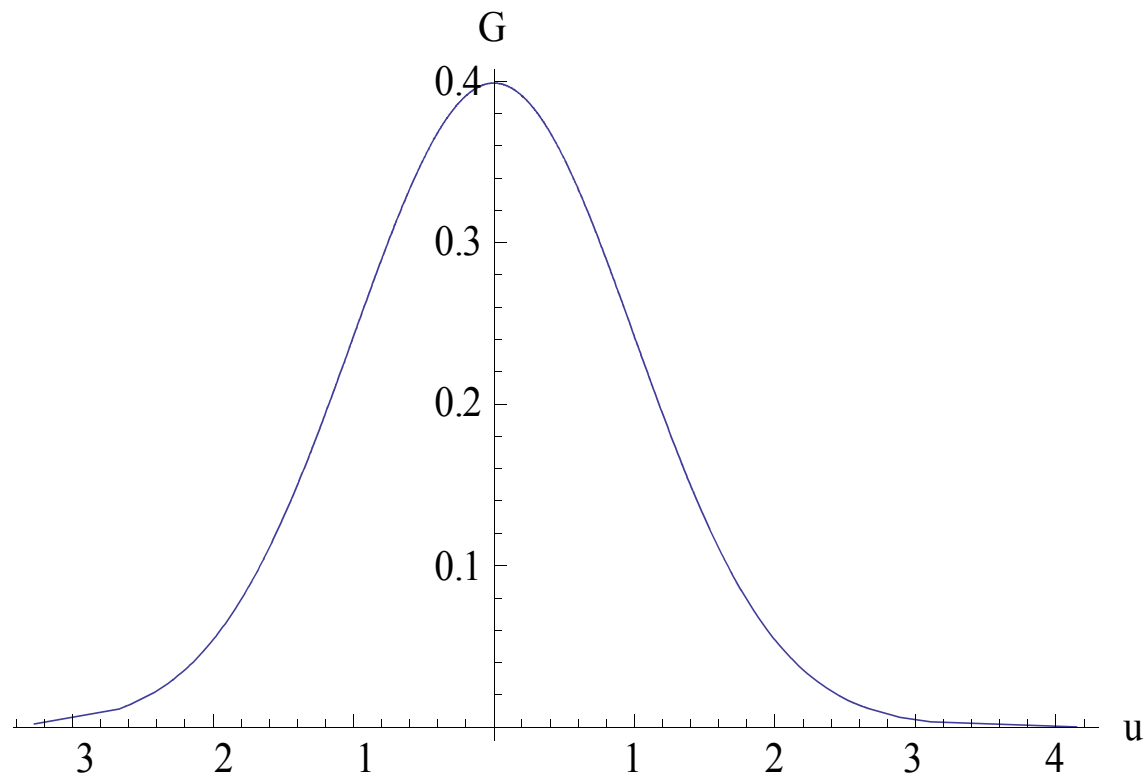
2.

	Agxx.dat	Ozadje.dat	Agxx.dat n=10;	Agxx.dat n=20;	Ozadje.dat n=27;
Povprečje podatkov	17.403000	0.000000	17.961200	17.741400	0.000002
Sigma	4.172121	0.000070	3.973987	3.895372	0.000067
Število elementov	1000	769	1000	1000	769
Posevnost	266.845782	64.152775	231.308096	268.951995	36.556960



# Graf





### 3. sinus

Povprečje podatkov	Sigma	Število elementov	Posevnost
-0.000017	0.707286	628	0.046099

$$\text{Povprečje} = \text{Integrate}[\text{Sin}[x], \{x, 0, 2\text{Pi}\}] = 0$$

$$(\text{Sigma})^2 = \text{Integrate}[\text{Sin}[x]*\text{Sin}[x], \{x, 0, 2\text{Pi}\}]/(2\text{Pi}) = 1/2$$

$$\text{Sigma} = \text{Sqrt}[1/2] = \text{Sqrt}(2)/2 = 0.707107$$

$$\text{Integrate}[\text{Sin}[x], \{x, 0, 62.8\}]/62.8 = 8.07749 \times 10^{-6}$$

$$\text{Integrate}[\text{Sin}[x]*\text{Sin}[x], \{x, 0, 62.8\}]/62.8 = 0.500253$$

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$$\text{Sqrt}[\text{Integrate}[\text{Sin}[x]*\text{Sin}[x], \{x, 0, 62.8\}]/62.8] = 0.707286$$