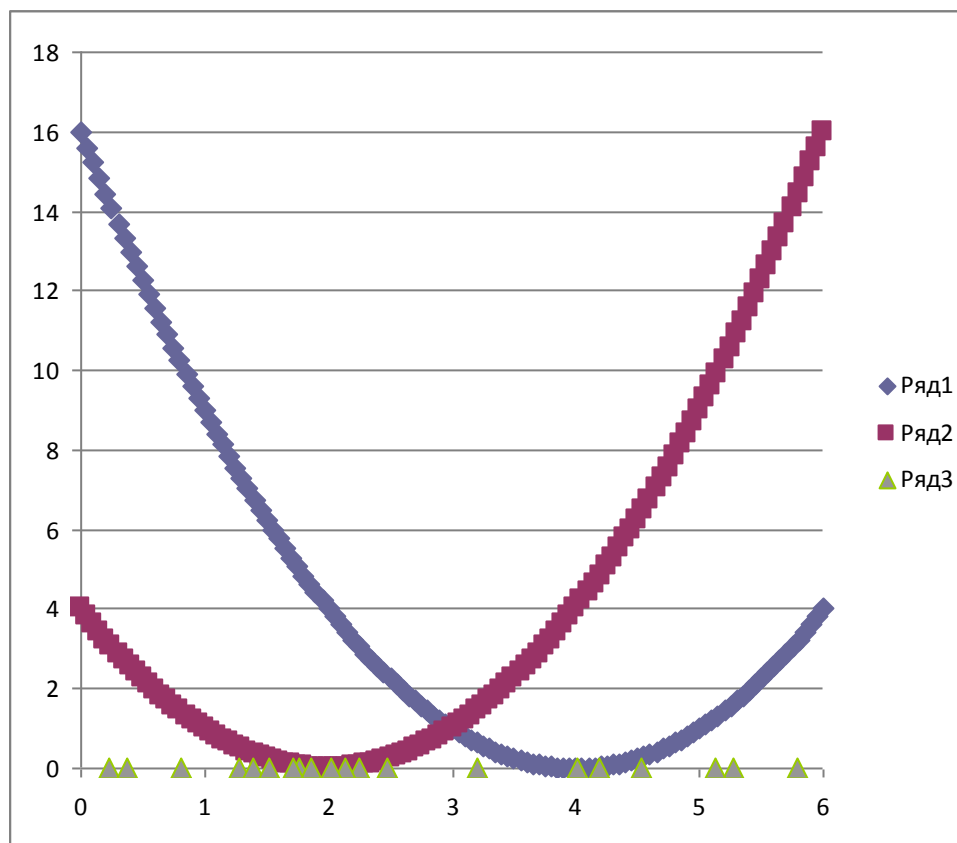


Iteration_before_sort 1:

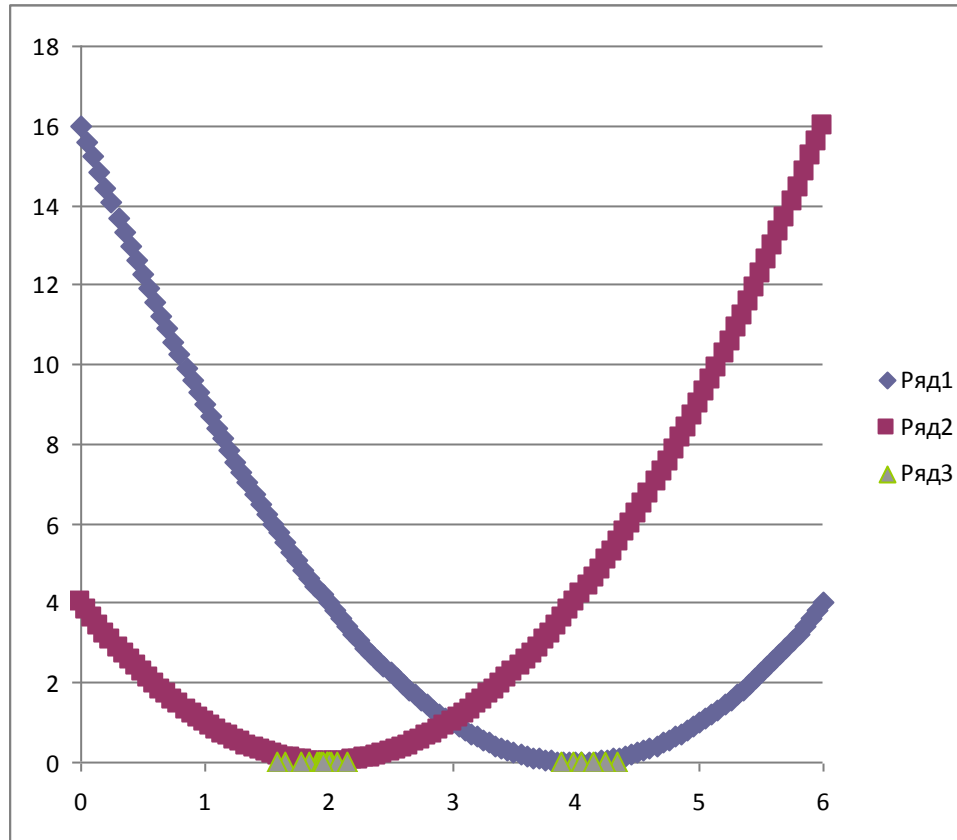
1001111111	x=3.747801	y1=15.936395	y2=12.945193	rank=3
0010100011	x=0.956012	y1=6.734135	y2=14.910088	rank=4
0000110001	x=0.287390	y1=2.216527	y2=13.066967	rank=0
0100000010	x=1.513196	y1=9.815808	y2=15.763022	rank=6
0101010101	x=2.000000	y1=12.000000	y2=16.000000	rank=9
0110001001	x=2.304985	y1=13.126925	y2=15.906984	rank=8
1011111011	x=4.475073	y1=15.774305	y2=9.874012	rank=2
0010011010	x=0.903226	y1=6.409990	y2=14.797086	rank=3
1101000110	x=4.914956	y1=15.162855	y2=7.503031	rank=1
1010010110	x=3.882698	y1=15.986240	y2=12.455448	rank=3
0010010010	x=0.856305	y1=6.117182	y2=14.691962	rank=2
0101100110	x=2.099707	y1=12.388886	y2=15.990059	rank=9
1101011011	x=5.038123	y1=14.922300	y2=6.769808	rank=0
0100001100	x=1.571848	y1=10.104075	y2=15.816685	rank=7
0100110110	x=1.818182	y1=11.239669	y2=15.966942	rank=8
0111100000	x=2.815249	y1=14.596366	y2=15.335369	rank=6
0111011101	x=2.797654	y1=14.554364	y2=15.363748	rank=6
0011000011	x=1.143695	y1=7.841522	y2=15.266742	rank=5
0101101011	x=2.129032	y1=12.499480	y2=15.983351	rank=9
0001010100	x=0.492669	y1=3.698627	y2=13.727952	rank=1



Iteration_before_sort 50:

0110100000	x=2.439883	y1=13.566034	y2=15.806503	rank=0
0101001101	x=1.953079	y1=11.810115	y2=15.997798	rank=4
0100100000	x=1.689150	y1=10.659970	y2=15.903372	rank=0
0101010001	x=1.976540	y1=11.905608	y2=15.999450	rank=6
0101010101	x=2.000000	y1=12.000000	y2=16.000000	rank=9
0101011101	x=2.046921	y1=12.185482	y2=15.997798	rank=4
1010100110	x=3.976540	y1=15.999450	y2=12.093291	rank=2
0101000111	x=1.917889	y1=11.664812	y2=15.993258	rank=3
1010110000	x=4.035191	y1=15.998762	y2=11.857999	rank=1
1010010110	x=3.882698	y1=15.986240	y2=12.455448	rank=0
0100110111	x=1.824047	y1=11.265228	y2=15.969041	rank=2
0101010111	x=2.011730	y1=12.046783	y2=15.999862	rank=8
1010110110	x=4.070381	y1=15.995046	y2=11.713522	rank=0
0101010010	x=1.982405	y1=11.929309	y2=15.999690	rank=7
0101010011	x=1.988270	y1=11.952942	y2=15.999862	rank=8
0101111110	x=2.240469	y1=12.904051	y2=15.942175	rank=2

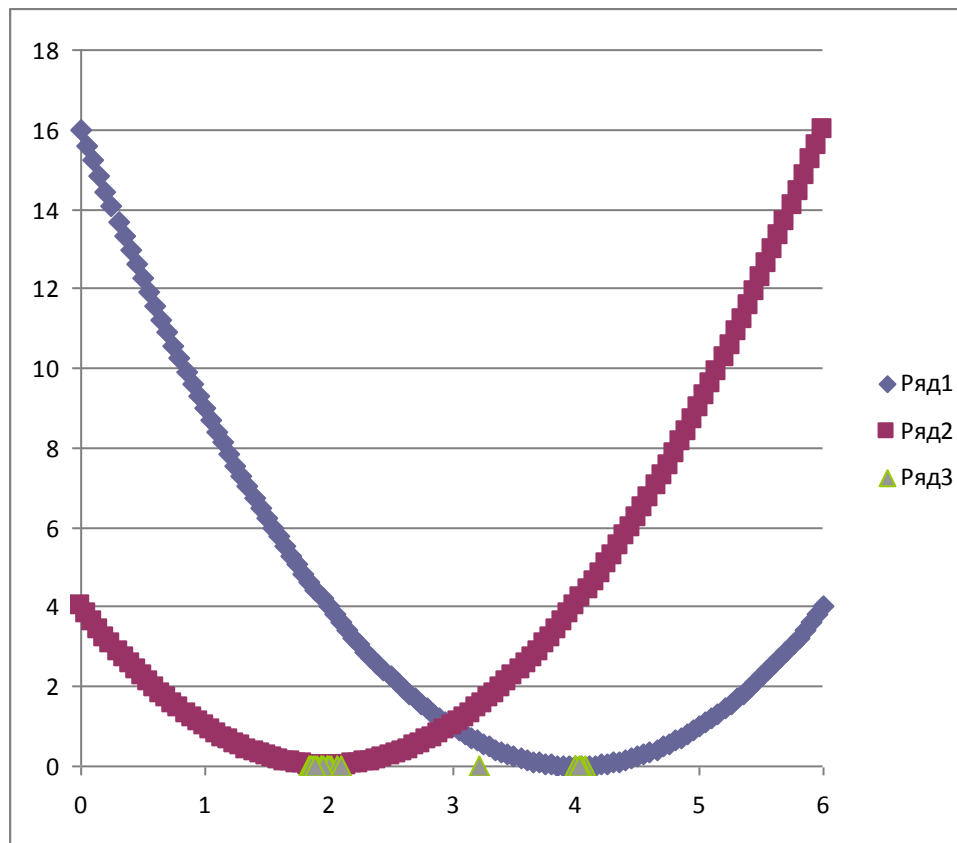
0101110001	x=2.164223	y1=12.629922	y2=15.973031	rank=3
0101001111	x=1.964809	y1=11.857999	y2=15.998762	rank=5
0101011010	x=2.029326	y1=12.116442	y2=15.999140	rank=6
0100100111	x=1.730205	y1=10.848032	y2=15.927211	rank=1



Iteration_before_sort 100:

0110100000	x=2.439883	y1=13.566034	y2=15.806503	rank=0
0101001110	x=1.958944	y1=11.834092	y2=15.998314	rank=5
0101000111	x=1.917889	y1=11.664812	y2=15.993258	rank=1
0101010001	x=1.976540	y1=11.905608	y2=15.999450	rank=7
0101010101	x=2.000000	y1=12.000000	y2=16.000000	rank=10
0101000101	x=1.906158	y1=11.615827	y2=15.991194	rank=0
1010101010	x=4.000000	y1=16.000000	y2=12.000000	rank=2
0101001100	x=1.947214	y1=11.786070	y2=15.997214	rank=4
1010101011	x=4.005865	y1=15.999966	y2=11.976505	rank=1
0111110100	x=2.932551	y1=14.860553	y2=15.130348	rank=0
0101001010	x=1.935484	y1=11.737773	y2=15.995838	rank=3
0101010111	x=2.011730	y1=12.046783	y2=15.999862	rank=9

1010101110	x=4.023460	y1=15.999450	y2=11.905608	rank=0
0101010010	x=1.982405	y1=11.929309	y2=15.999690	rank=8
0101010011	x=1.988270	y1=11.952942	y2=15.999862	rank=9
0101011101	x=2.046921	y1=12.185482	y2=15.997798	rank=5
0101011011	x=2.035191	y1=12.139524	y2=15.998762	rank=6
0101001111	x=1.964809	y1=11.857999	y2=15.998762	rank=6
0101011010	x=2.029326	y1=12.116442	y2=15.999140	rank=7
0101001000	x=1.923754	y1=11.689201	y2=15.994186	rank=2



Iteration_before_sort 150:

0110100000	x=2.439883	y1=13.566034	y2=15.806503	rank=0
0101001110	x=1.958944	y1=11.834092	y2=15.998314	rank=4
0101001001	x=1.929619	y1=11.713522	y2=15.995046	rank=1
0101010001	x=1.976540	y1=11.905608	y2=15.999450	rank=6
0101010101	x=2.000000	y1=12.000000	y2=16.000000	rank=9
0101000111	x=1.917889	y1=11.664812	y2=15.993258	rank=0
1010101010	x=4.000000	y1=16.000000	y2=12.000000	rank=2
0101101100	x=2.134897	y1=12.521392	y2=15.981803	rank=0

1010101011	x=4.005865	y1=15.999966	y2=11.976505	rank=1
0111110100	x=2.932551	y1=14.860553	y2=15.130348	rank=0
0101001100	x=1.947214	y1=11.786070	y2=15.997214	rank=3
0101010111	x=2.011730	y1=12.046783	y2=15.999862	rank=8
1010111010	x=4.093842	y1=15.991194	y2=11.615827	rank=0
0101010010	x=1.982405	y1=11.929309	y2=15.999690	rank=7
0101010011	x=1.988270	y1=11.952942	y2=15.999862	rank=8
0101011101	x=2.046921	y1=12.185482	y2=15.997798	rank=4
0101011011	x=2.035191	y1=12.139524	y2=15.998762	rank=5
0101001111	x=1.964809	y1=11.857999	y2=15.998762	rank=5
0101011010	x=2.029326	y1=12.116442	y2=15.999140	rank=6
0101001010	x=1.935484	y1=11.737773	y2=15.995838	rank=2

