29. Programmieraufgabe: Multiplikation langer Zahlen nach Karatsuba, 20 Punkte

| N | ms |
|-------|-----|
| 1000 | 7 |
| 2000 | 13 |
| 3000 | 22 |
| 4000 | 41 |
| 5000 | 43 |
| 6000 | 67 |
| 7000 | 118 |
| 8000 | 122 |
| 9000 | 123 |
| 10000 | 133 |
| 11000 | 143 |
| 12000 | 202 |
| 13000 | 303 |
| 14000 | 359 |
| 15000 | 371 |
| 16000 | 373 |
| 17000 | 377 |
| 18000 | 379 |
| 19000 | 384 |
| 20000 | 405 |
| 21000 | 402 |
| 22000 | 434 |
| 23000 | 512 |
| 24000 | 616 |

Daten:

Diagramm:

| 24000 | 616 |
|-------|------|
| 25000 | 764 |
| 26000 | 925 |
| 27000 | 1036 |
| 28000 | 1090 |
| 29000 | 1113 |
| 30000 | 1121 |
| 31000 | 1115 |
| 32000 | 1123 |
| 33000 | 1120 |
| 34000 | 1117 |
| 35000 | 1137 |
| 36000 | 1121 |
| 37000 | 1132 |
| 38000 | 1145 |
| 39000 | 1156 |
| 40000 | 1212 |
| 41000 | 1191 |
| 42000 | 1221 |
| 43000 | 1285 |
| 44000 | 1349 |
| 45000 | 1395 |
| 46000 | 1533 |
| 47000 | 1669 |
| 48000 | 1876 |
| | |