

| | | | | |
|------------|---------|------------|---------|----------------------|
| 28939.8 ms | 85.54 % | 31561.5 ms | 93.28 % | (anonymous function) |
| 2264.6 ms | 6.69 % | 2264.6 ms | 6.69 % | (garbage collector) |
| 1284.6 ms | 3.80 % | 1284.6 ms | 3.80 % | ► power |
| 886.3 ms | 2.62 % | 890.7 ms | 2.63 % | ► logarithm |
| 445.0 ms | 1.32 % | 445.0 ms | 1.32 % | ► factorial |
| 4.9 ms | 0.01 % | 4.9 ms | 0.01 % | (program) |
| 4.4 ms | 0.01 % | 4.4 ms | 0.01 % | ► continuedFraction |
| 1.9 ms | 0.01 % | 1.9 ms | 0.01 % | i |
| 0.4 ms | 0.00 % | 0.4 ms | 0.00 % | ► division |
| 0.3 ms | 0.00 % | 0.3 ms | 0.00 % | power |
| 0.3 ms | 0.00 % | 0.3 ms | 0.00 % | ► multiplication |
| 0.2 ms | 0.00 % | 0.2 ms | 0.00 % | ► subtraction |
| 0.1 ms | 0.00 % | 0.1 ms | 0.00 % | ► profile |
| 0.1 ms | 0.00 % | 0.1 ms | 0.00 % | ► StoreGlobalStub |
| 0.1 ms | 0.00 % | 0.1 ms | 0.00 % | logarithm |
| 0.1 ms | 0.00 % | 0.1 ms | 0.00 % | addition |
| 0.1 ms | 0.00 % | 0.1 ms | 0.00 % | ► addition |

Pred úpravou Mathlib.js

| | | | | |
|----------|---------|----------|---------|----------------------|
| 182.0 ms | 72.77 % | 187.0 ms | 74.77 % | logarithm |
| 31.8 ms | 12.71 % | 234.3 ms | 93.69 % | (anonymous function) |
| 10.0 ms | 4.00 % | 10.0 ms | 4.00 % | (garbage collector) |
| 9.6 ms | 3.82 % | 9.6 ms | 3.82 % | ► power |
| 5.0 ms | 2.00 % | 5.0 ms | 2.00 % | ► continuedFraction |
| 2.8 ms | 1.11 % | 2.8 ms | 1.11 % | i |
| 2.0 ms | 0.80 % | 2.0 ms | 0.80 % | (program) |
| 1.8 ms | 0.71 % | 1.8 ms | 0.71 % | ► fn |
| 1.4 ms | 0.58 % | 1.4 ms | 0.58 % | ► StoreGlobalStub |
| 1.3 ms | 0.53 % | 1.3 ms | 0.53 % | ► division |
| 0.6 ms | 0.22 % | 0.6 ms | 0.22 % | ► addition |
| 0.6 ms | 0.22 % | 0.6 ms | 0.22 % | ► subtraction |
| 0.3 ms | 0.13 % | 0.3 ms | 0.13 % | ► multiplication |
| 0.2 ms | 0.09 % | 0.2 ms | 0.09 % | addition |
| 0.2 ms | 0.09 % | 0.2 ms | 0.09 % | subtraction |
| 0.1 ms | 0.04 % | 0.1 ms | 0.04 % | ► profile |
| 0.1 ms | 0.04 % | 0.1 ms | 0.04 % | factorial |
| 0.1 ms | 0.04 % | 0.1 ms | 0.04 % | multiplication |
| 0.1 ms | 0.04 % | 0.1 ms | 0.04 % | division |
| 0.1 ms | 0.04 % | 0.1 ms | 0.04 % | power |

Po úprave Mathlib.js

Výpočet trvá najdlhšie funkciám logarithm, power a factorial, preto sme sa zamerali na ich vylepšenie. Všetky spomenuté musia iterovať a to ich spomaľuje. Využitím iných algoritmov sme dosiahli lepšie výsledky ako po prvom profilingu. Funkcia power je niekoľkonásobnekrát rýchlejšia, tak ako aj factorial a logarithm.