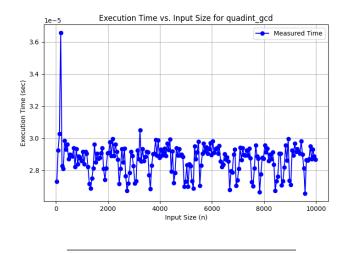
Quadratic Structures Complexity Analysis Report

Complexity Analysis for quadint_gcd

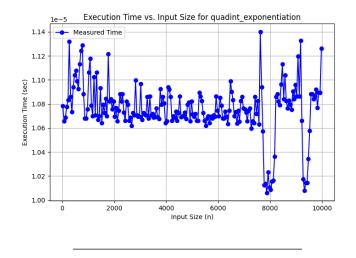
Best Fit Complexity: Constant: time = 0.00027 (sec)

Execution Time vs. Input Size Plot:



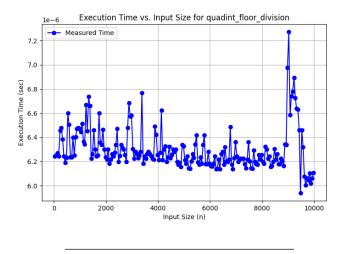
Complexity Analysis for quadint_exponentiation

Best Fit Complexity: Constant: time = 0.0001 (sec)



Complexity Analysis for quadint_floor_division

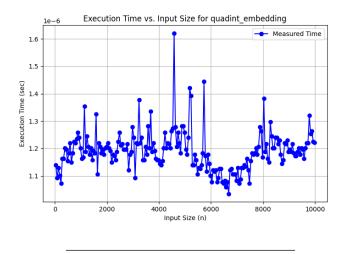
Best Fit Complexity: Constant: time = 5.2E-05 (sec)



Complexity Analysis for quadint_embedding

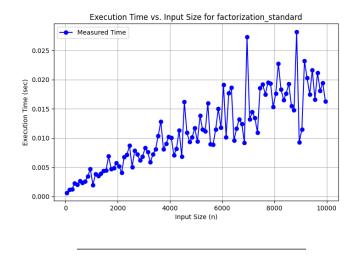
Best Fit Complexity: Constant: time = 5.4E-06 (sec)

Execution Time vs. Input Size Plot:



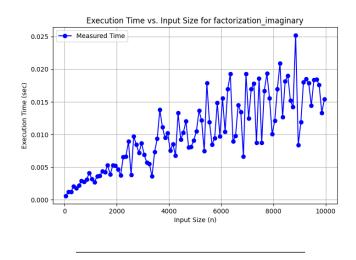
Complexity Analysis for factorization_standard

Best Fit Complexity: Linear: time = 0.014 + 1.7E-05*n (sec)



Complexity Analysis for factorization_imaginary

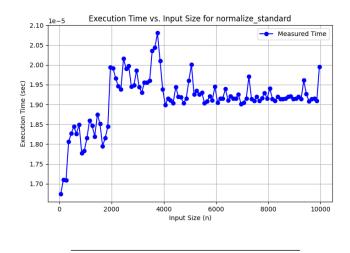
Best Fit Complexity: Linear: time = -0.011 + 1.7E-05*n (sec)



Complexity Analysis for normalize_standard

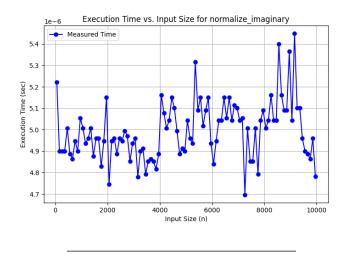
Best Fit Complexity: Constant: time = 0.00019 (sec)

Execution Time vs. Input Size Plot:



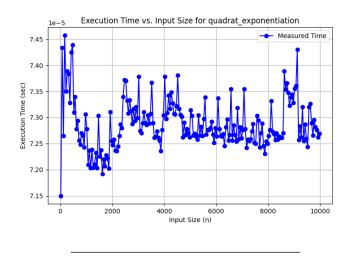
Complexity Analysis for normalize_imaginary

Best Fit Complexity: Constant: time = 4.3E-05 (sec)



Complexity Analysis for quadrat_exponentiation

Best Fit Complexity: Constant: time = 0.00072 (sec)



Complexity Analysis for quadrat_embedding

Best Fit Complexity: Constant: time = 5.9E-06 (sec)

