Figure 1: timing-pattern

Figure 2: timing-n-polymorphic-universes param-1-n 0

close-abstract-r

$1.16 \cdot 10^{-7} \cdot x^2 + 1.6 \cdot 10^{-4} \cdot$

exact-real

$5.85 \cdot 10^{-5} \cdot x - 3.1$

abstract-real

$5.03 \cdot 10^{-169} \cdot x^2 - 9.9 \cdot 10^{-165}$

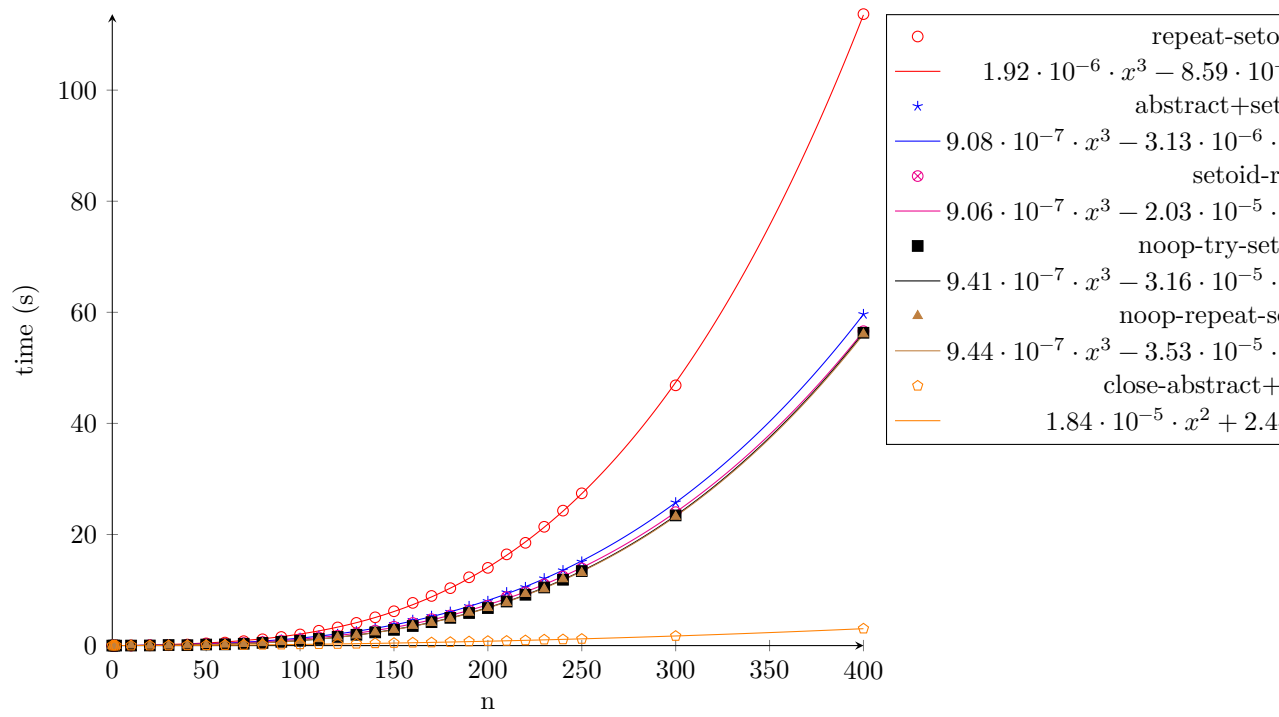time (s)

0-univ-count

2

Figure 3: timing-repeat-setoid-rewrite-under-binders
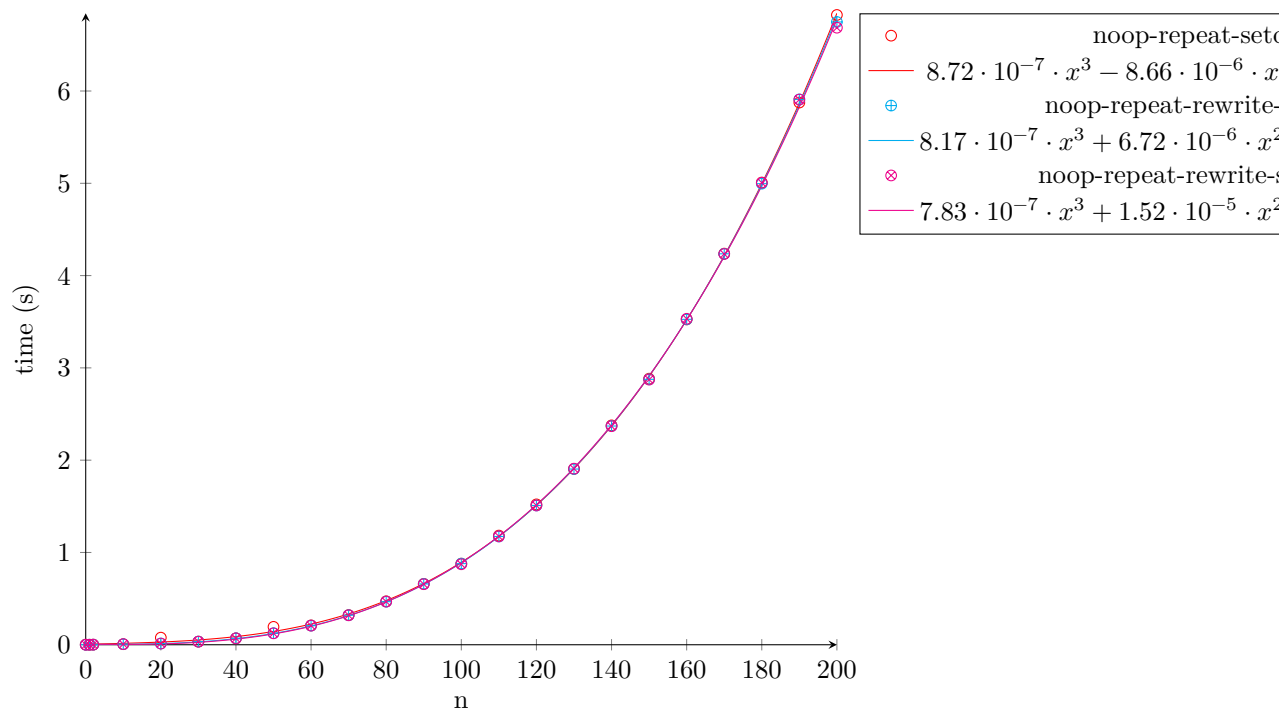
3

Figure 4: timing-repeat-setoid-rewrite-under-binders-noop
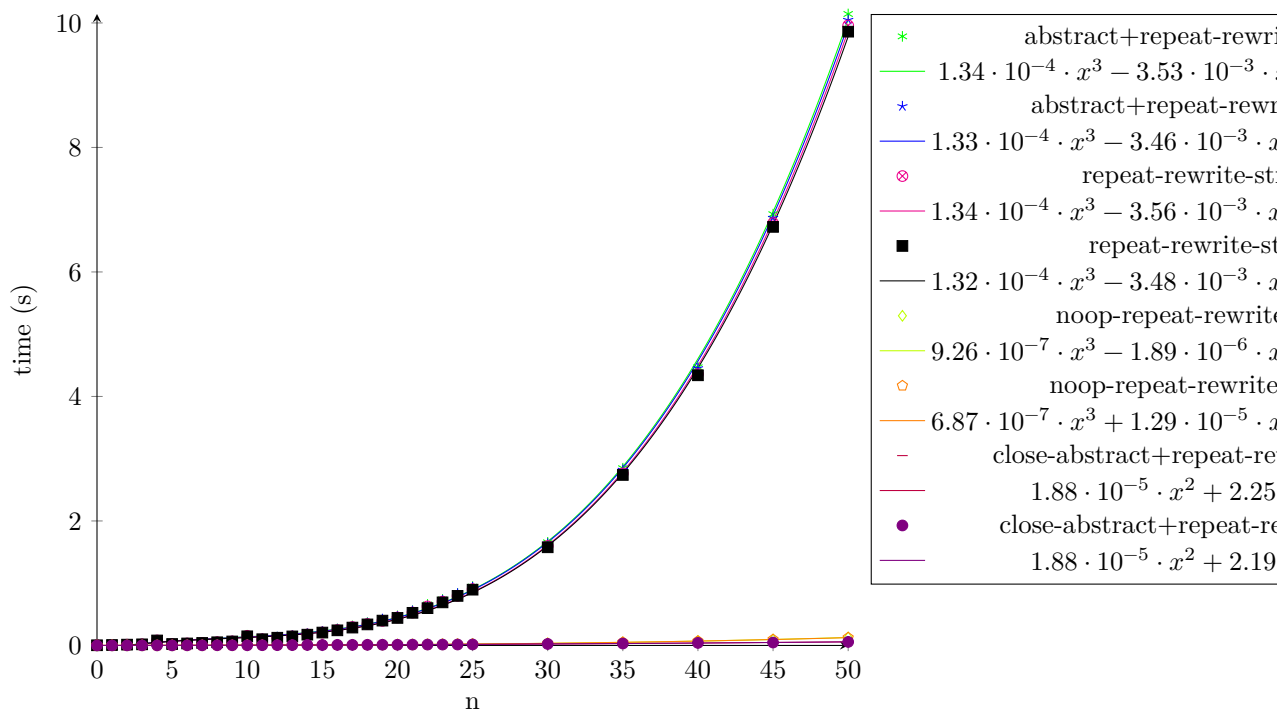
4
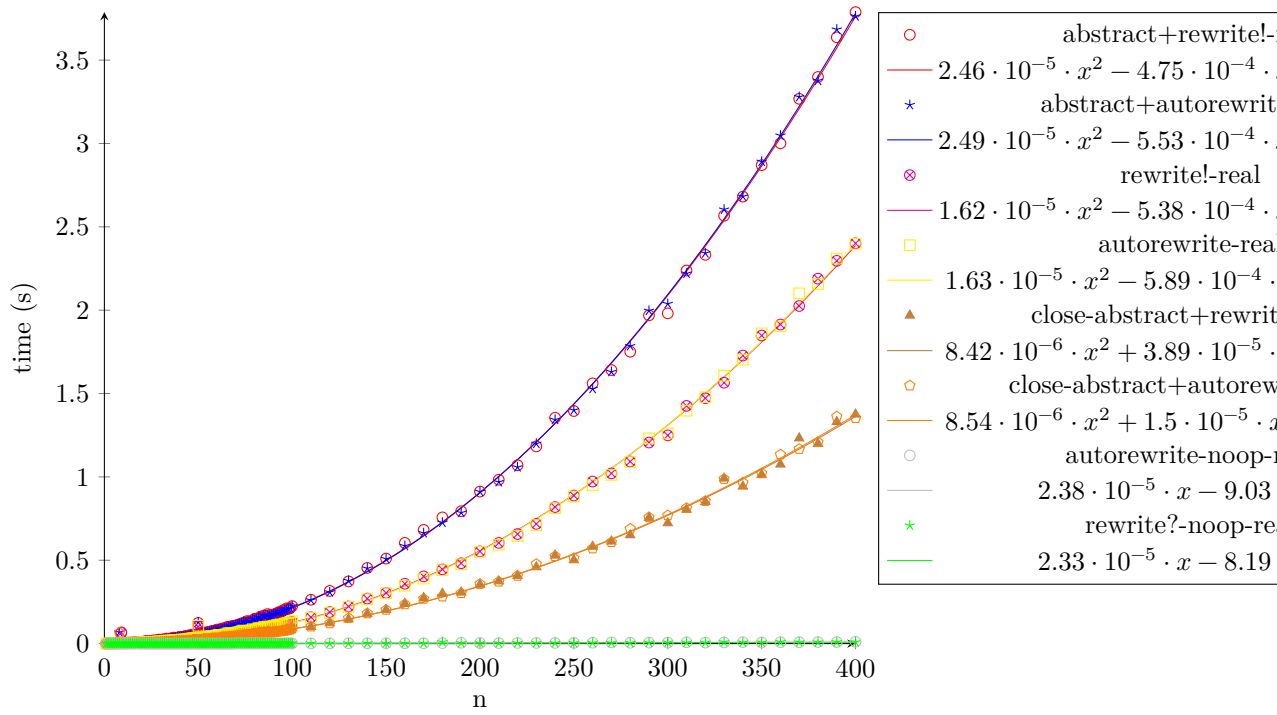
Figure 5: timing-rewrite-strat-under-binders

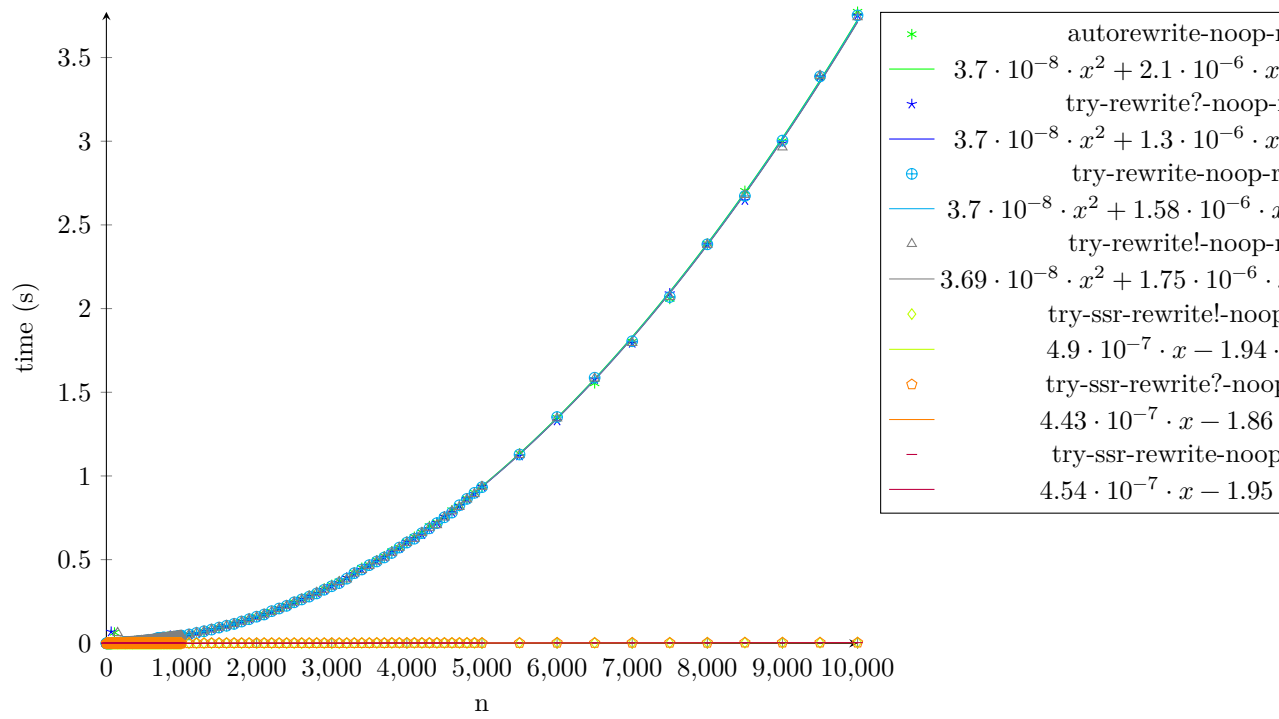Figure 6: timing-rewrite-repeated-app-autorewrite

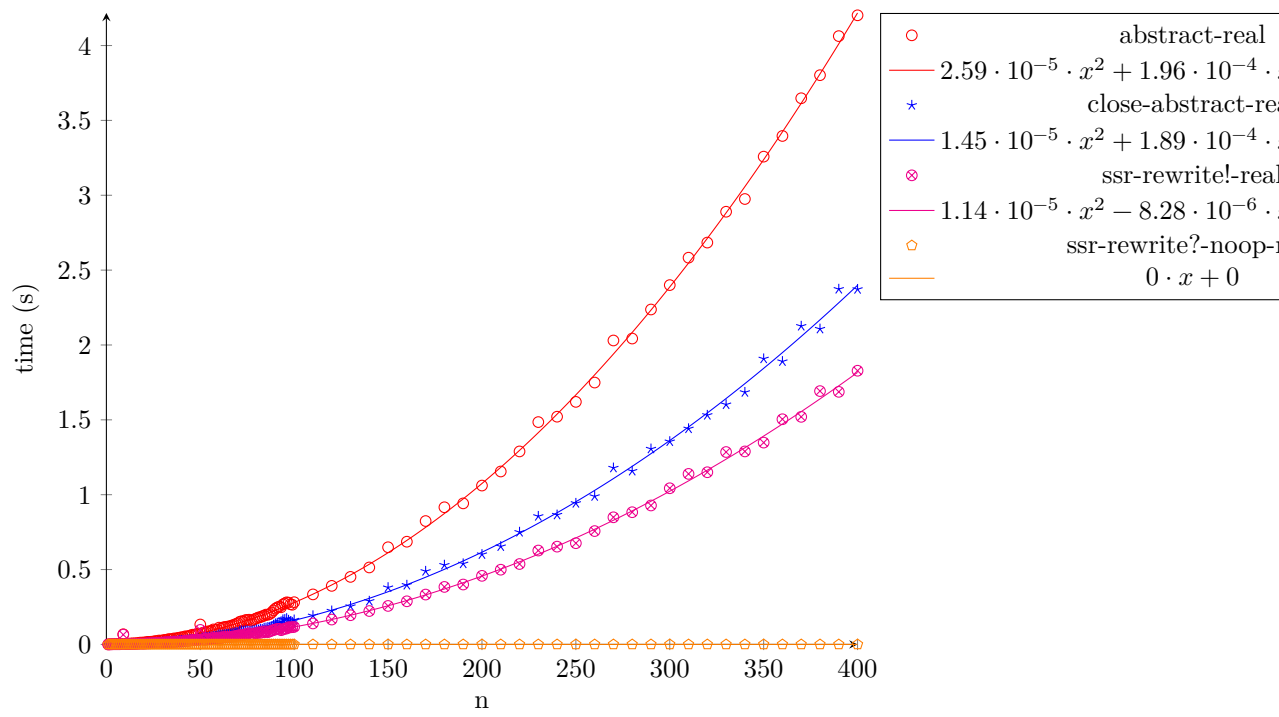Figure 7: timing-rewrite-repeated-app-autorewrite-noop
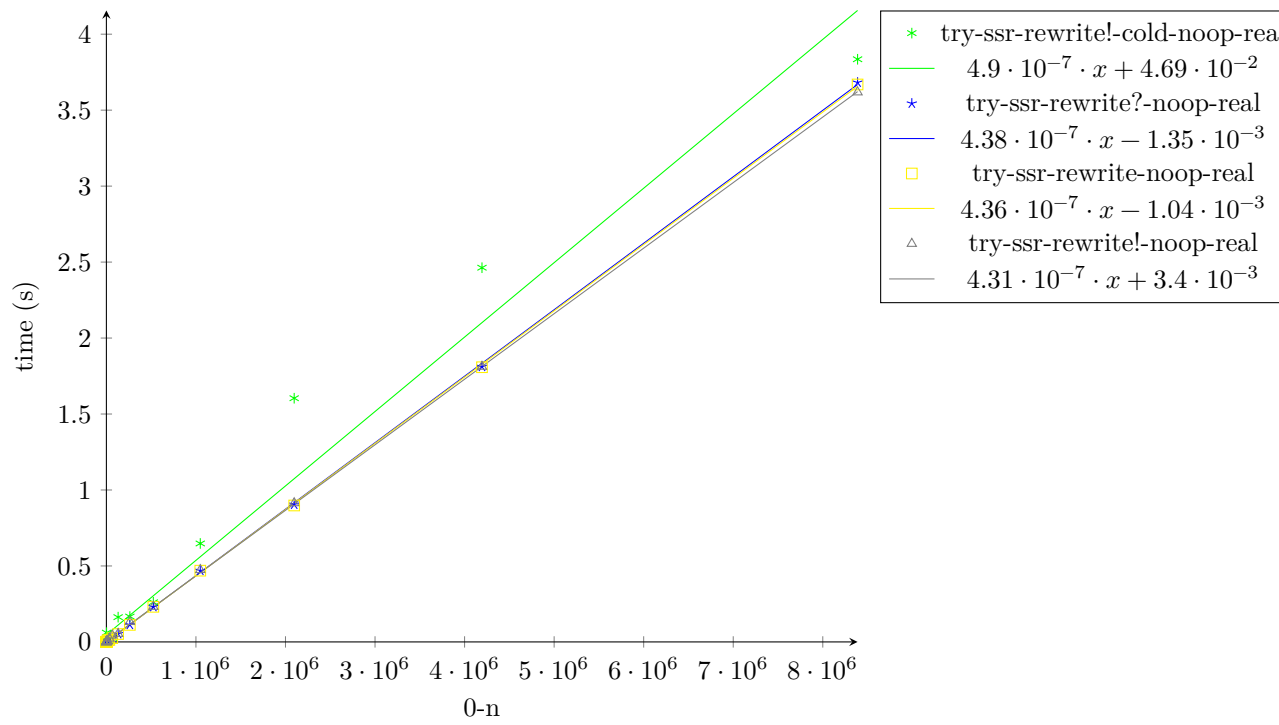
Figure 8: timing-rewrite-repeated-app-ssrrewrite

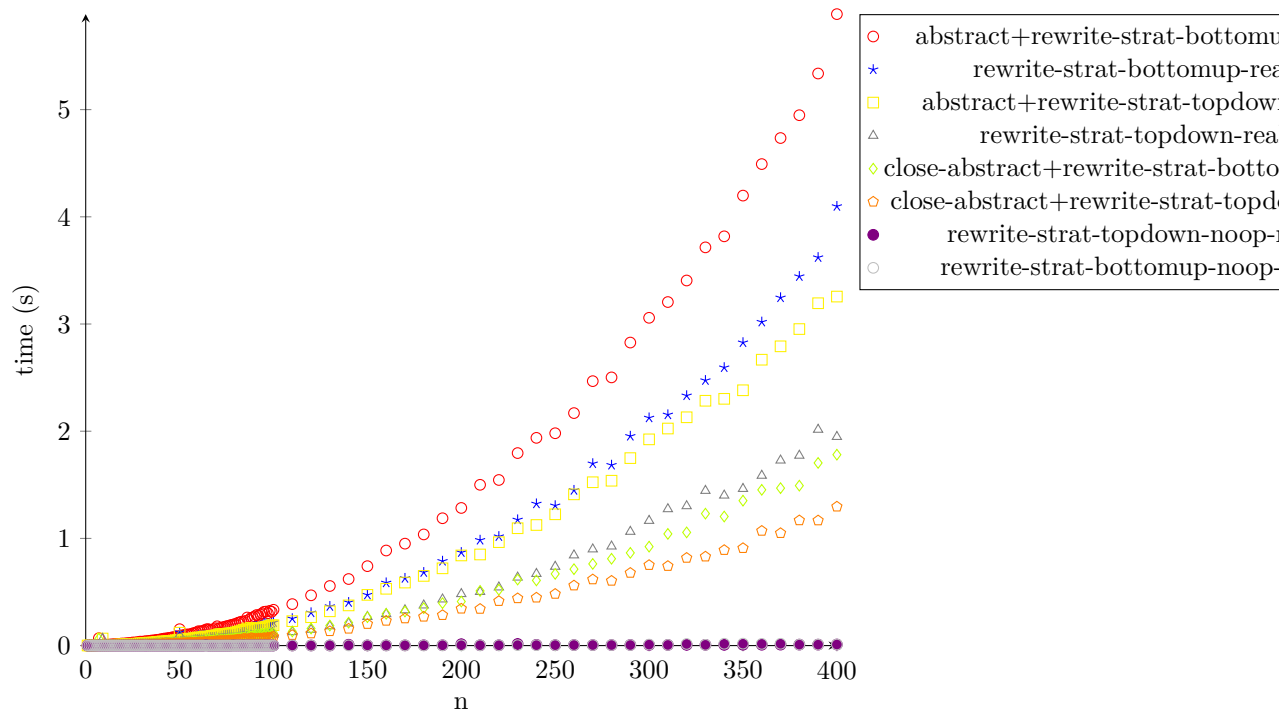Figure 9: timing-rewrite-repeated-app-ssrrewrite-noop param-1-lgn 1

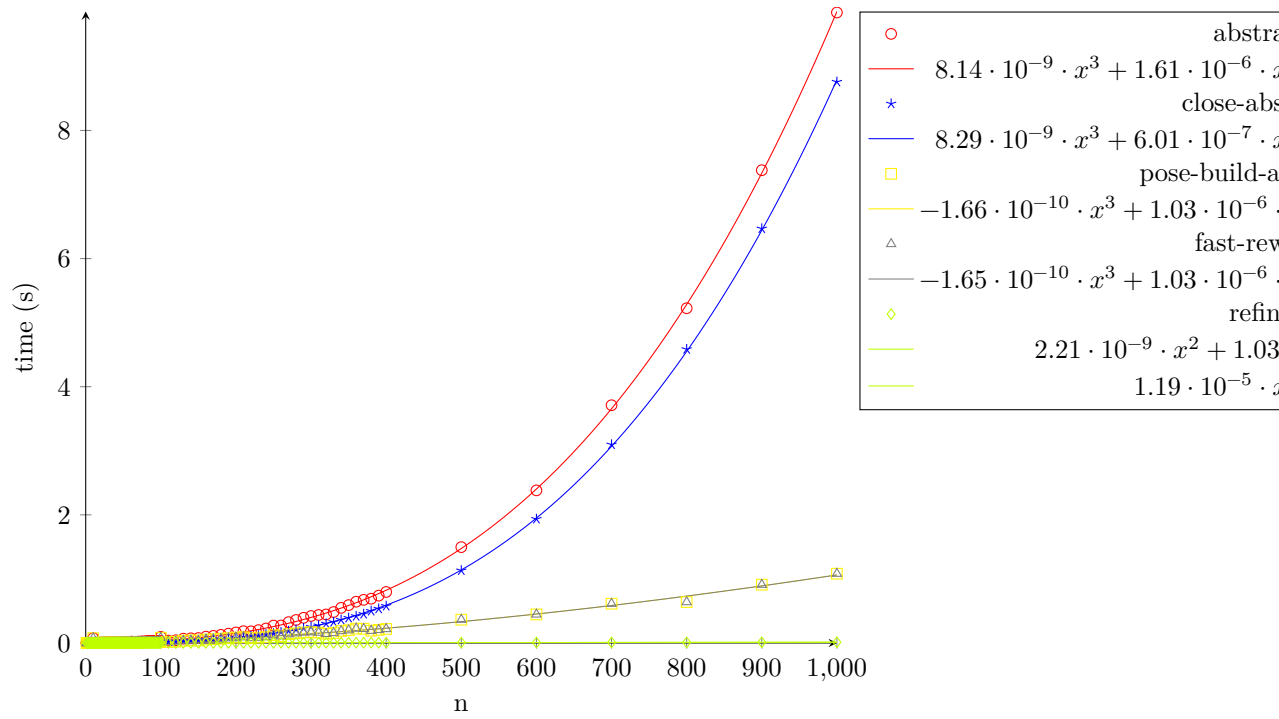Figure 10: timing-rewrite-repeated-app-rewrite-strat
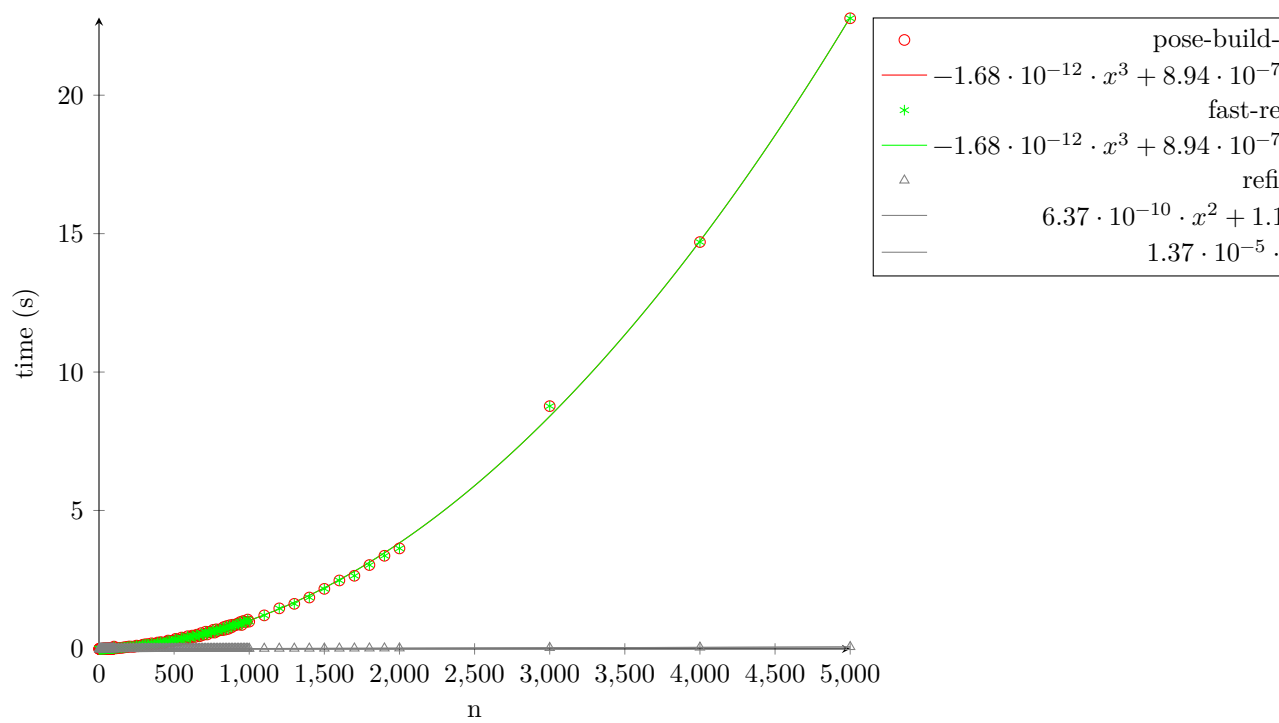
Figure 11: timing-rewrite-repeated-app-fast-rewrite

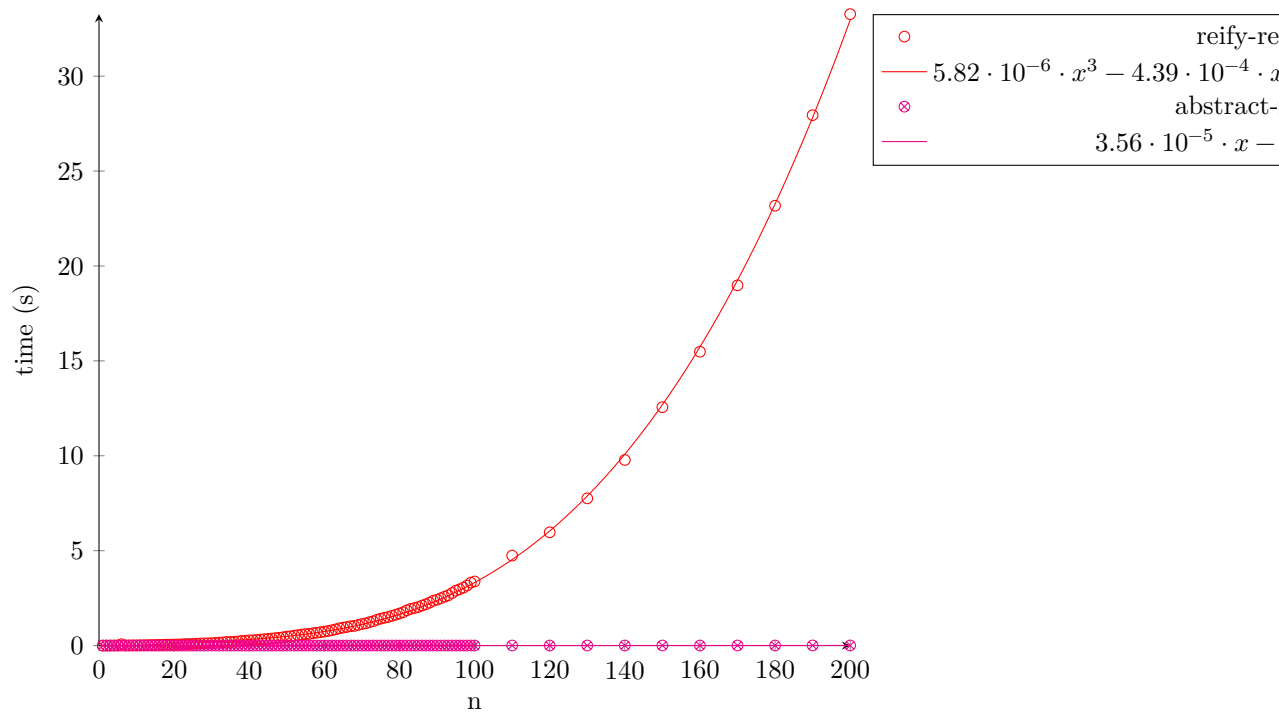Figure 12: timing-rewrite-repeated-app-fast-rewrite-no-abstract
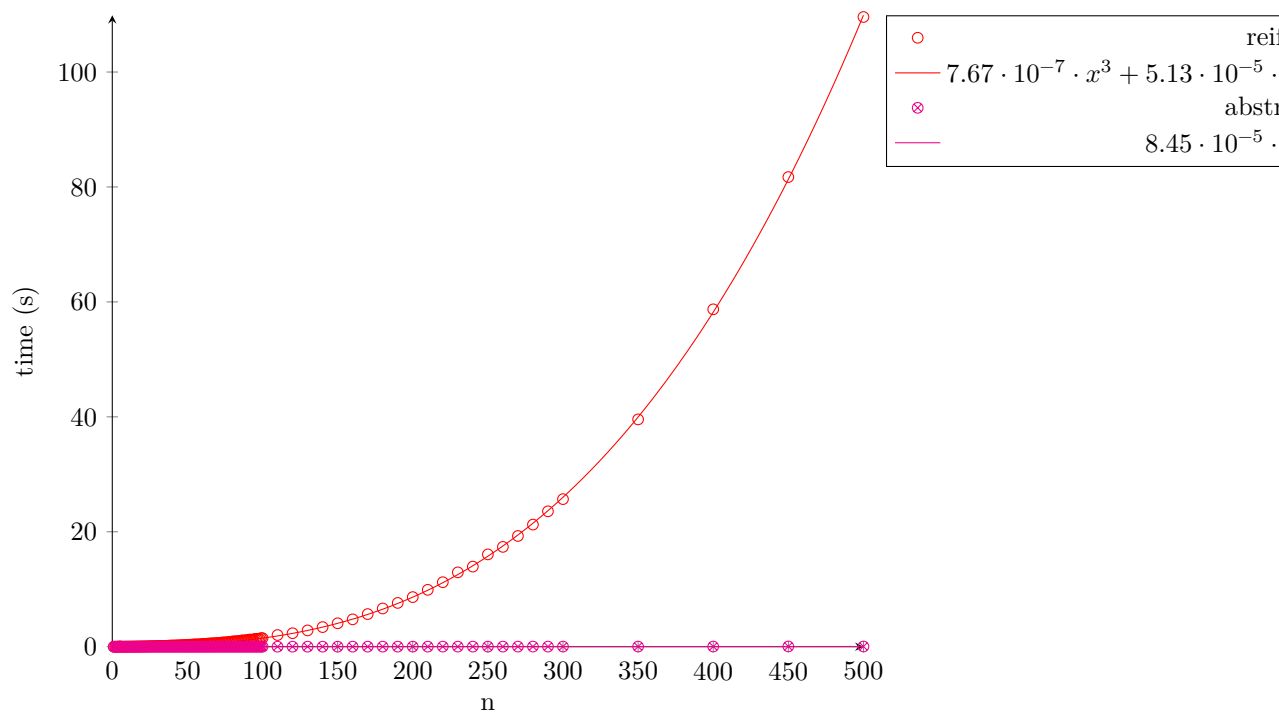
Figure 13: timing-typeclass-reification-let-in-HOAS

Figure 14: timing-typeclass-reification-let-in-PHOAS