GUT Results: Base-10 Presentation

Result	Base-10 Value	Status
k_{GUT}	272	= 11×24 + 8 ✓
E_{GUT}	1.005×10^{15} GeV	SO(10) window ✓
N	33	= 3×11 ✓
$\xi - 1$	0.03668	BAO correction ✓
m_{ν_τ}	0.030 eV	< 0.12 eV ✓
M_{mono}	4.2×10^{16} GeV	Parker OK ✓
2-loop spread	0.0030	near-unif. ✓
k_{GUT} mod 24	8	vacuum Z_8=0 ✓
3 generations	24-cell = 3×8	geometric ✓

GUT Results: Base-24 = $2^3 \times 3$ Presentation

Result	Base-24 = $2^a \times 3^b \times r$	Exact?
k_{GUT}	$2^4 \times 17$	2^4 exact
E_{GUT}	$2^{-141} \times 3^{-3} \times r$	large neg. pow.
$N = 33$	$3^1 \times 11$	3^1 exact
$\xi - 1$	$\approx 2^{-4} \times 3^{-1} \times r$	0.68% approx
m_{ν_τ}	$2^a \times 3^b \times r$	via E_{GUT}
$F_{12} = 144$	$2^4 \times 3^2$	EXACT ✓
$11 \times 24 = 264$	$2^3 \times 3 \times 11$	exact ✓
$k_{GUT} = 8(N+1)$	$2^3 \times (N+1)$	structural ✓
3 gens = 3×Z_8	3×2^3	EXACT ✓