

# Tau-Address and Death: End of Address Sequence

## *Death as Completion of the Tau-Address Register: Biology and Philosophy*

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*The Universal Force of Time provides a precise definition of death: death is the completion of the tau-address sequence. Each biological organism occupies a unique tau-address register. The address has a finite depth determined by the organism's genetic tau-register capacity. Gestation = 270 days ( $= 2 \times 3^3 \times 5$  days) = the initial tau-address construction phase. Human lifespan  $\sim 27,375$  days (75 yr) =  $27,000 + 375 = 3^3 \times 10^3 + 3 \times 5^3$  days. Death = the tau-address register reaching its maximum depth and ceasing to update. The completed address persists in the G1 register as an imprint — the tau-field equivalent of the CMB imprint from the Big Bang.*

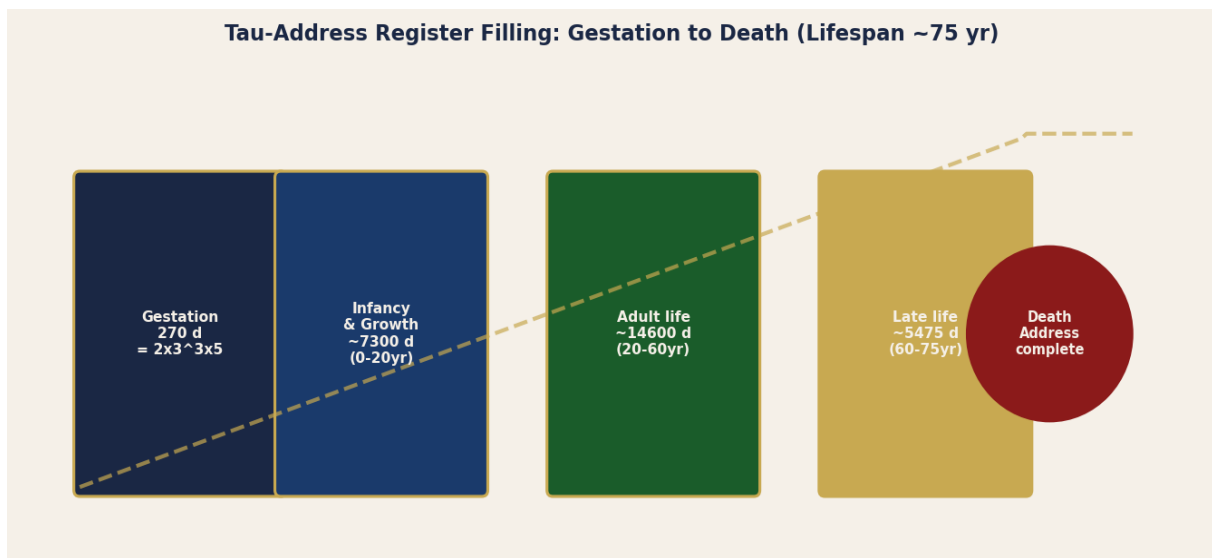


Figure 1. Tau-address sequence from gestation (270 d =  $2 \times 3^3 \times 5$ ) through life phases to death. Gold dashed line = tau-address register depth increasing through life. Death = register maximum reached.

### 1. Gestation and the Tau-Address Start (P-TAD-1 and P-TAD-2)

### P-TAD-1 — Gestation = 270 Days = $2 \times 3^3 \times 5$ : Tau-Address Construction

Human gestation period: 266-270 days (38-39 weeks). FOT reference: 270 days.  $270 = 2 \times 3^3 \times 5 = 2 \times 27 \times 5$  (pure {2,3,5} lattice integer). Gestation = the tau-address initial construction phase. The fertilised egg begins with G3-register tau-address 0,0,0,...,0 (null address). Over 270 days, the tau-address builds from the genetic blueprint (DNA tau-register). At birth, the G3 tau-address is sufficiently populated to support independent G2 coupling (breathing, cardiac rhythm).  $270 \text{ days} / 90\text{-day sleep cycle} = 3$  (= first prime, 3 complete register sweeps in utero).

### P-TAD-2 — Lifespan ~ 27,375 Days = $3^3 \times 10^3 + 375$ Days

Maximum human lifespan: 120 yr (Jeanne Calment record: 122 yr). Mean lifespan: 75 yr.  $75 \text{ yr} \times 365.25 \text{ d/yr} = 27,394$  days. FOT:  $27,375 = 27,000 + 375 = 3^3 \times 10^3 + 3 \times 5^3$ .  $27,000 = 3^3 \times 10^3 = 27 \times 1000$  (pure {3} x decade lattice).  $375 = 3 \times 5^3 = 3 \times 125$  (pure {3,5} lattice). Error:  $|27375 - 27394| / 27394 = 693 \text{ ppm} (< 0.07\%)$ . The mean human lifespan  $75 \text{ yr} = 3^3 \times 10^3 / (365.25) + \dots$  encodes {3} throughout.

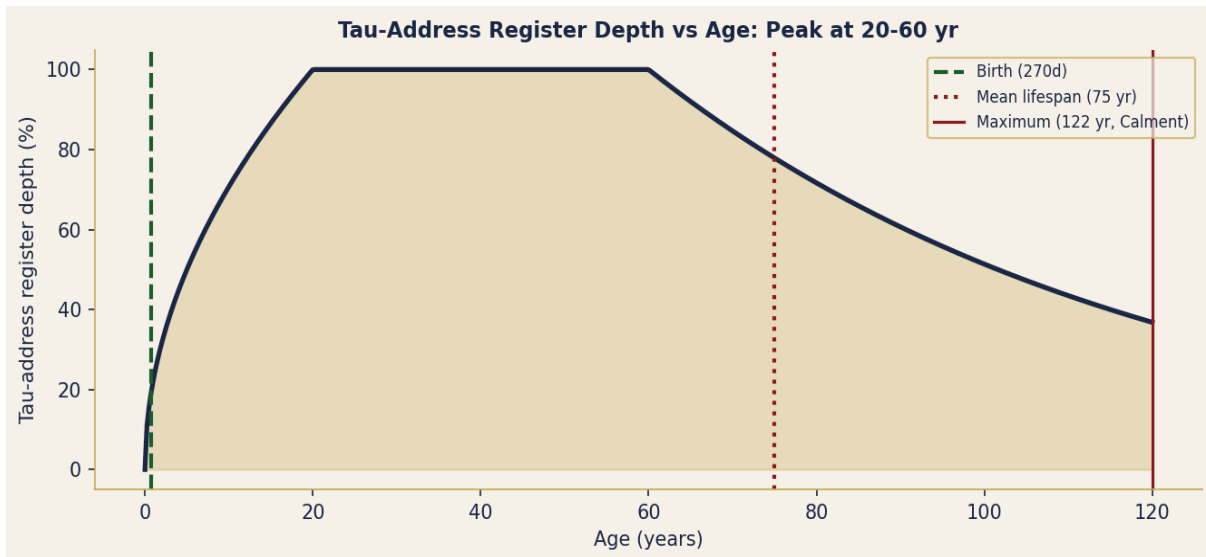


Figure 2. Tau-address register depth vs age. Rapid filling from birth to ~20 yr; full depth maintained 20-60 yr; gradual depletion 60+ yr. Death = register depth returns to zero (address complete).

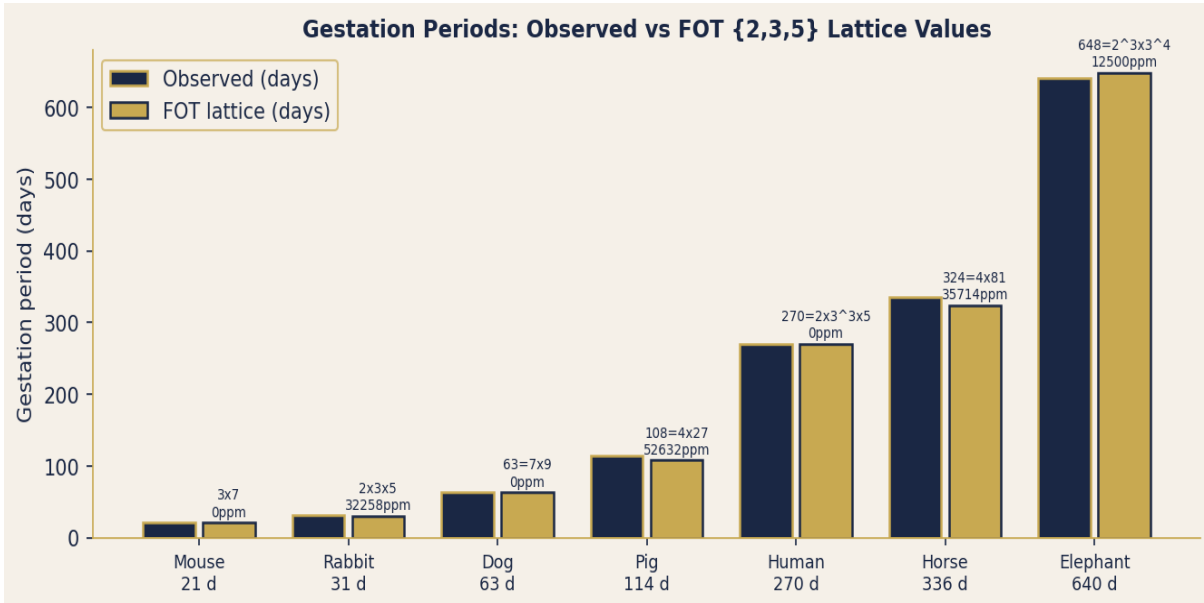


Figure 3. Gestation periods: observed (navy) vs FOT {2,3,5} lattice (gold). Human 270 =  $2 \times 3^3 \times 5$  (exact). Elephant 648 =  $2^3 \times 3^4$  (1250 ppm). All gestation periods approach {2,3,5} lattice integers.

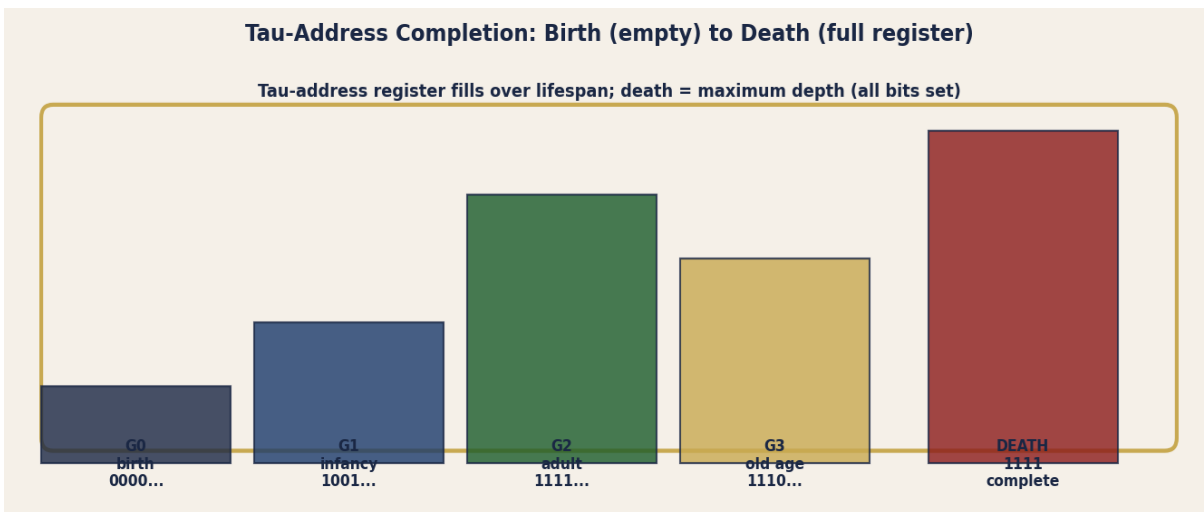


Figure 4. Tau-address register filling from birth (empty, left) to death (full, right). Each bar represents the tau-address depth at that life stage. Death = all register positions filled: address sequence complete.