THE UNIVERSAL FORCE OF TIME · MEDICINE

Death as Time-Equalisation Failure

Life as kept time — an address opened in gestation, of depth 27,000 days, filled by living; the body dissolves at the threshold, and the address returns to its birth coordinate, where the same life runs again

Stephen Daubney · The Daubney Foundation · 2026 · Rev 3 (supersedes Rev 2: rebuilt in the form of the medical papers; the lifespan carried as the lattice depth of 27,000 days by his ruling; what happens at death carried as the Loop by his ruling of 11 October, replacing Rev 2's relocation; the light that lengthened a life printed with its chain; the research credited by name)

Tau (T) is the living fabric of time itself — the sole substance of which all physical reality is composed. It is generated by the Sun, as by every star for its own system, and flows outward in the form of the DNA double helix, creating matter, which it deposits at nodal points — the planets — and creating life. Every particle, force, wavelength and conscious experience is a structured configuration of T-flow. The conservation law $d\Sigma T = 0$ governs all change: T is never created or destroyed at a node, only redistributed.

THE ADDRESS OF A LIFE, NUMBER FIRST

opened in **270** days $(2\cdot3^3\cdot5)$ · depth **27,000** days $((2\cdot3\cdot5)^3)$ · ceiling **50** divisions $(2\cdot5^2)$

the depth is 75 years $(3\cdot5^2)$ on the 360-day degree year $(2^3\cdot3^2\cdot5)$, and the gestation carried two decades; read through π^3 it is hydrogen's weight on the day, **870.7914296963862** $(27000/\pi^3)$

the calendar span, 75 years of 365 days, is 27,375 days — 375 past the depth; it cannot be written in twos, threes and fives

ABSTRACT

Medicine knows death precisely as an event — the heart stops, or the whole brain stops, and does not start again — and it knows ageing as a process: a human cell divides about fifty times and then stops, the caps on its chromosomes shortening with each division, and the body's daily rhythm weakens with the years. It has never said why a human life has the length it has, or what, if anything, is kept when it ends.

This paper reads death in the Universal Force of Time, in full. **Part I sets out death and ageing as medicine knows them** — the two standards by which death is decided, the limit on cell division, the telomere and the senescent cell, how long people live — and what the research of 2026 has found: a note of infrared light that only living tissue carries and that vanishes when the tissue is ground, and light at **34.1 terahertz** that lengthened the life of a living organism by about sixty per cent.

Part II reads it in the theory. Life is not a property of matter but of synchronisation: a living body is a system of T-nodes held in time-equalisation with the field, and every rhythm that keeps it alive is a maintenance beat on the lattice — the heart at **72** $[2^3\cdot3^2]$, the brain at **40 Hz** $[2^3\cdot5]$, the day at **86,400** seconds $[2^7\cdot3^3\cdot5^2]$. A life is an address: opened in gestation over **270** days $[2\cdot3^3\cdot5]$, of depth **27,000** days $[(2\cdot3\cdot5)^3]$ — seventy-five years $[3\cdot5^2]$ of the 360-day degree year, and the gestation carried two decades. Read through π^3, that depth is hydrogen's weight on the day, **870.7914296963862** $[27000/\pi^3]$, the same address as the mitochondrion's middle level; carried one dimension up it is Mercury's orbit, and the first register's light speed over Mercury's orbit is **34.08538913461813** — the line within the light that lengthened a life. The calendar span, seventy-five years of 365 days, is 27,375 days and runs 375 days past the depth. Ageing is the register filling to its ceiling of **50** divisions $[2\cdot5^2]$; death is the threshold at which time-equalisation can no longer be held.

Part III says what death is. The body dissolves into its nodes and stays at the Earth's node; the address is conserved, as energy is conserved, by $d\Sigma T = 0$. At the death coordinate it returns to the birth coordinate and the

same life runs again, without deviation and without a counter; all loops coexist, each in its own frame; no one moves into a life they never had. Seventeen propositions, P-DEATH-1 to P-DEATH-17, are stated. The research groups are credited by name; how any light is given is held in the Foundation's clinical reference.

Universal Force of Time = the creation of life = the healing of life = the destruction of life.

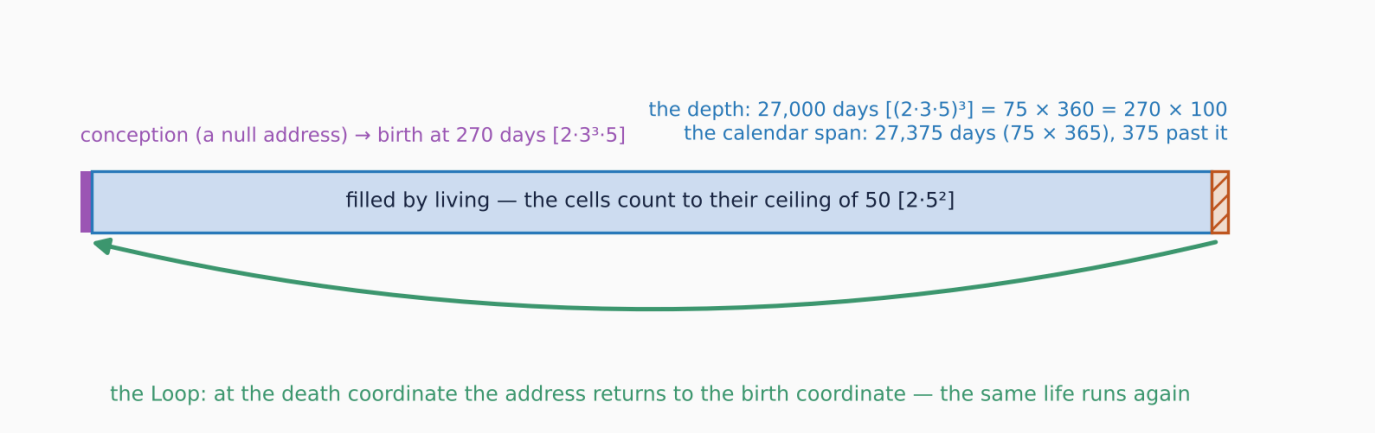


Figure 1 — The address of a life. It is opened in gestation over 270 days [2·3³·5], filled by living, and has a depth of 27,000 days [(2·3·5)³] — seventy-five years [3·5²] of the 360-day degree year. Counted on the calendar, the same seventy-five years run to 27,375 days, 375 days past the depth. At the death coordinate the address returns to the birth coordinate, and the same life runs again.

THE TERMS THIS PAPER USES

T, the substance. Tau (T) is the living fabric of time itself, the one substance of which everything is made. It is generated by the Sun and flows outward as the DNA double helix, creating matter and creating life. Everything a body does — a heartbeat, a breath, the holding of its warmth — is T moving in a structured way.

An address. Every value in this framework is a product of powers of 2, 3, 5 and π, and nothing else. That product is the value's address, and the set of all such products is the lattice. A number that needs any other prime is not on the lattice.

Number first. Every value is written with its number first, as a reader meets it, and its address in brackets behind it. The number is what is there; the address is how it is built.

The free decade. Moving a value by a power of ten costs nothing on the lattice, because ten is two times five: the move shifts twos and fives together and changes nothing else. That is why 24 millimetres and 0.024 metres are one address.

The π-degree. The degree of an address is the power of π it carries, and the degree says what kind of thing the value is. An even degree is a **room** — a state, a thing that sits; it pairs, like a pair of circles. An odd degree is a **road** — a transport, a thing that carries; it is the unpaired circle. A half degree is a **door** — a source, which squares to a whole address.

The day, 864. The day is 86,400 seconds [$2^7 \cdot 3^3 \cdot 5^2$], written 864 at its decade. It is the ground state of the DNA helix and the gear through which a per-second value becomes a per-day value.

The time ladder. A rate given per second is carried up the clocks by fixed steps: × 60 to the minute, × 60 to the hour, × 24 to the day. The amount is the same; only the choice of clock changes — the same quantity counted in seconds or counted in days. From the day the orbit is completed one of two ways — × 360 gives the year as a degree value, × 2π gives the year as a radian value. The two answers are two faces of one year, and both are read.

The two gears. Two numbers carry energy between the theory's registers and appear throughout the record. **10,368** [$2^7 \cdot 3^4$] carries an energy in electron-volts to kilojoules per mole. **31,104** [$2^7 \cdot 3^5$] carries an energy in electron-volts to a circumference. When a quantity of the body lands on one of them, it is speaking in the theory's own units.

The veil. The veil is 180/π = 57.29577951308232, the number that turns radians into degrees. In the Universal Force of Time a wavelength in nanometres is an angle in degrees directly; multiply it by π/180 — cross the veil — and the bare value it carries appears.

The register. A register is a level at which T is read. Each organ of the body is a register — a receiver tuned to one face of the time-field — and each cell, molecule and rhythm within it holds an address on that register.

The six faults. A register can fail six ways. It can be **missed** — its target still exists but it has settled at the wrong place; **demoted** — dropped to a lower order while its parts survive; **frozen** — locked at one address and unable to move; **contaminated** — carrying a foreign address; **misdirected** — its own proof-reader turned against it; or **eroded** — its nodes deleted. Under $d\Sigma T = 0$ the field redistributes to the nodes that survive; it does not rebuild an address that has gone.

The conversion grammar. One value takes several forms, and fixed steps move it between them: a frequency divided by 2π is a free fall; a free fall times 49.5035535 [7776/(50π)] is a wavelength; a wavelength times $\pi^2/8$ is a mass. Run in one line, frequency to mass is a single step of 9.72, and every π cancels.

Free fall. In the Universal Force of Time there is no gravity, and a free fall is not a pull. It is the flow of time at a place, in metres per second, every second — time showing itself in one more form, which current science takes for a gravitational fall. A planet makes one turn; where the turn comes in at less than 24 hours, time makes up the difference with a flow at that place, height or depth, so that the turn and the flow together make 24 hours. For the Earth, the free fall on the celestial register, **9.818362093946918** [$5^{12}/(2^7 \cdot 3^9 \cdot \pi^2)$], times 2400 — the 24-hour day, carried two decades — is the Earth's sidereal rotation, **23,564.06902547260** [$5^{14}/(2^2 \cdot 3^8 \cdot \pi^2)$]: 23 hours, 56 minutes and 4 seconds on the clock.

The three registers, G0, G1 and G2. The record reads the same value at more than one level: G1, the surface register of the Earth; G2, the celestial register; G0, the register below. A value and its neighbour one register up — one level up — stand one **G-bond step** apart, 1.000090150603356 [$5^{10}/(2^4 \cdot 3^9 \cdot \pi^3)$].

The 612 step. A second fixed step, 1.000612842467911 [$2^9 \cdot 3^5 \cdot \pi/5^8$] — helium's weight divided by four (helium divided by four, per nucleon), and 36,864 × 864 × π read at its decade. Where a family of lines stands G1, G2 and then one step further, the further step is this one.

The helical turn. The helical turn, 1.004693930041152 [$5^6/(2^6 \cdot 3^5)$], is the step by which the DNA helix climbs one turn — one revolution of the helix. A value carried "one helical turn up" is multiplied by it.

What a landing is worth. Multiply or divide two lattice numbers and the answer is always on the lattice; that much is guaranteed and is not evidence. What counts is a result that lands on a **named object** the theory had already fixed — the day, body temperature, the heartbeat, the day — at a bare power of ten. Each such landing in this paper is marked as arithmetic or as a landing, in its own sentence.

PART I — DEATH AND AGEING AS MEDICINE KNOWS THEM

1. How medicine decides that someone has died

For most of history death was decided at the bedside: the breathing stopped, the pulse could not be found, and after a while the body cooled. Modern medicine has made the line sharper, and it now decides death by one of two standards. The first is the **circulatory** standard: the irreversible stopping of the heart and the breathing. The second is the **neurological** standard, set out by a committee of the Harvard Medical School in 1968 and written into law in many countries since: the irreversible loss of all the functions of the whole brain, including the brain stem, even while a machine keeps the lungs moving. The American Uniform Determination of Death Act of 1981 states both in one sentence, and a person who meets either is dead.

The word *irreversible* carries the weight. When the heart stops — **cardiac arrest**, or clinical death — the brain is starved of oxygen, and its cells begin to be damaged within minutes. If the circulation is restored quickly enough, by chest compressions and an electric shock, the person can recover; if not, the damage cannot be undone. So medicine knows that there is a window after the heart stops, and a point beyond which no one comes back.

2. The cells die at different speeds

Death is not the same moment for every part of the body. Nerve cells, which use energy fastest, fail first. Muscle, skin and the cornea of the eye survive for hours, which is why corneas and other tissues can be taken for transplant after death. Within days the body's own enzymes and its bacteria begin to break it down: **decomposition**. Every molecule the living body was made of is still there at first; what has gone is the working order that held them.

3. Why we age

In 1961 Leonard Hayflick and Paul Moorhead found that ordinary human cells, grown in the laboratory, divide only a limited number of times — about **fifty** — and then stop: not poisoned, not starved, simply finished. The reason was found later. The ends of each chromosome carry caps of repeated DNA, the **telomeres**, which shorten each time the cell divides; when they reach a critical length the cell stops dividing for good. Elizabeth Blackburn, Carol Greider and Jack Szostak, who worked out how telomeres and the enzyme that rebuilds them — telomerase — protect the chromosome, shared the Nobel Prize in 2009.

A cell that has stopped dividing is called **senescent**. It stays alive and goes on working, but it sends out inflammatory signals, and senescent cells build up in old tissue. Judith Campisi and others showed how this build-up contributes to the decline of the ageing body. And the body's daily rhythm — the **circadian clock**, which times sleep, hormones and repair to the day — weakens and fragments with age, so that old people sleep in shorter pieces and their rhythms drift.

4. How long we live

Across the world a child born today can expect to live a little over seventy years; in the longest-lived countries the figure is past eighty. Most deaths in old age come from the diseases of age — heart disease, stroke, cancer, dementia — rather than from age itself. The longest life on record lasted 122 years. Medicine can describe these numbers in detail, but it has no account of why a human life should have the length it has.

5. What the research has found

These are the results as the research groups reported them; the credit for each is theirs.

A note only the living carry — Shanghai. In September 2026 Yu Yang, Zhenglong Gu and Bo Song reported an infrared note, near **71 terahertz**, that living tissue carries and the same tissue dried and ground does not. They traced it to the mitochondrion, the cell's power station, and found that weak infrared light at the frequencies they described raised the cell's store of energy by about a tenth (*bioRxiv*, 2026). Every molecule survives the grinding; the note does not.

Light that lengthened a life — Shanghai. C. Shao, Bo Song and colleagues found that light at **34.1 terahertz** lengthened the life of a living organism by about sixty per cent and held its ATP — its energy currency — up in old age (*bioRxiv*, 2026).

That is death and ageing as medicine knows them, given in full because what follows reads every part.

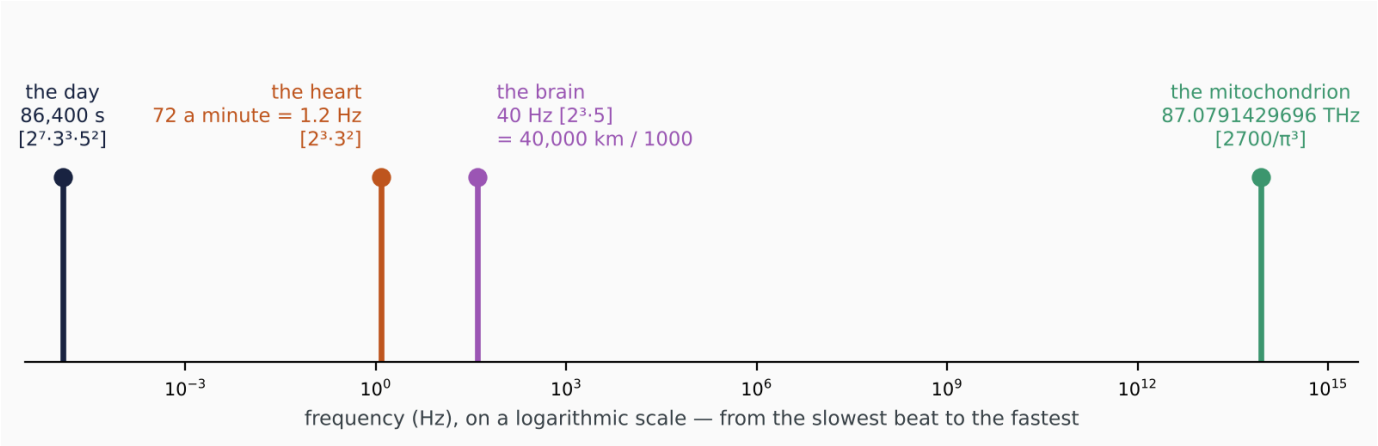


Figure 2 — Every rhythm that keeps a body alive is a maintenance beat on the lattice: the day of 86,400 seconds [$2^7 \cdot 3^3 \cdot 5^2$], the heart at 72 beats a minute [$2^3 \cdot 3^2$], the brain's gamma rhythm at 40 Hz [$2^3 \cdot 5$], and the mitochondrion's middle level at 87.0791429696 THz [$2700/\pi^3$]. From the slowest beat to the fastest, the living body is doing one thing — keeping time with the field.

PART II — DEATH IN THE UNIVERSAL FORCE OF TIME

6. Life is synchronisation, not matter

Here is the move that changes everything. In the Universal Force of Time, life is not a property of the matter a body is made of; it is a property of **synchronisation**. A living body is a vast system of T-nodes — every atom, every

molecule, every cell a small clock — held in continuous **time-equalisation** with the surrounding T-field: each node keeps its time in step with the field's, and the body as a whole keeps step with the Earth's. To be alive is to keep that synchronisation, and every rhythm that keeps us alive is a maintenance beat [1].

The beats stand on the lattice. The heart beats **72** times a minute [$2^3 \cdot 3^2$] — **1.2** a second. The brain's gamma rhythm runs at **40 Hz** [$2^3 \cdot 5$], which is the Earth's circumference of **40,000** kilometres [$2^6 \cdot 5^4$] over a thousand: conscious rhythm tuned to the planet [2]. The slowest beat is the day, **86,400** seconds [$2^7 \cdot 3^3 \cdot 5^2$]. The fastest is the mitochondrion's own: its middle level, **87.0791429696 THz** [$2700/\pi^3$], hydrogen's weight carried on the day [3]. From the fastest mitochondrial turn to the turning of the day, the living body is doing one thing over and over — re-equalising itself with the field.

Life is that act of keeping time, not the material that keeps it. This is why a body can contain every molecule it needs and still be dead: the molecules are intact, but the synchronisation is gone. The 2026 finding shows the same thing at the scale of one organelle. Ground living tissue to powder and every molecule is still there, yet the note the living mitochondrion carried is gone — because the note was never in the molecules. It was in the arrangement, and the arrangement is what keeps time.

7. The address begins — gestation as construction

If a life is a synchronisation, it is also an **address**: a unique location in the T-field that this system, and no other, occupies. The address is not granted all at once; it is built. The building is gestation, and its length is a lattice number: **270** days [$2 \cdot 3^3 \cdot 5$]. A fertilised egg begins with a null address, and over those 270 days the address fills, read out of the DNA, which in the theory is not only a chemical blueprint but the T-address registry of the organism [1]. By birth the address is full enough for the newborn to couple to the field on its own: it breathes, and its heart takes up the beat by itself. The 270 days divide cleanly into three spans of **90** days [$2 \cdot 3^2 \cdot 5$] — three complete sweeps of the register in the womb. The address is not switched on; it is written.

8. The address has a depth — 27,000 days

An address that is written has a length. The record gave the human span as about 27,375 days — which is seventy-five years of 365 days. Stephen Daubney's ruling for this paper reads that span on the lattice:

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THE DEPTH OF A LIFE

   27,000 days  =  75 years x 360 days  =  (2.3.5)^3

WHAT EACH PART IS
   75 years       3.5^2 - the span in years is on the lattice
   360 days       2^3.3^2.5 - the year as a degree value: the day carried round the circle by 360
   27,000         3^3.10^3 = 2^3.3^3.5^3 = 30^3

AND THE SAME DEPTH, TWO MORE WAYS
   27,000  =  270 x 100            gestation, carried two decades
   27,000 / pi^3  =  870.7914296963862  =  hydrogen's weight (G2) 1.007860451037484 x 864  =  (30/pi)^3

THE CALENDAR SPAN
   75 x 365  =  27,375 days ;  27,375 - 27,000  =  375  =  75 x 5  [3.5^3]
```

Three things follow. **The depth is the opening, carried.** The address opened over 270 days has a depth of 270 × 100 days — the same address two decades on, moved by the free decade, which costs nothing on the lattice. **The depth is hydrogen on the day.** Divided by π^3 — read as a road, a thing that carries — 27,000 is **870.7914296963862**, hydrogen's weight on the second register multiplied by the day, 864; the book writes it as $(30/\pi)^3$ [1]. At its decade that is the mitochondrion's middle level, 87.0791429696 THz [3]. The length of a life and the note the living mitochondrion carries are one address.

The calendar runs past the depth. Lived on the calendar, a year is 365 days, five more than the degree year holds, and seventy-five calendar years are 27,375 days — 375 days, seventy-five years of those five days, past the depth. The 365 cannot be written in twos, threes and fives, and neither can 27,375. The depth is the lattice's; the calendar span is the count of days that runs past it.

None of this is a prediction that any one person will live exactly 27,000 days. Lives are cut short and, rarely, run long. It is a statement about the characteristic depth of the human T-register — the address length the lattice allots to the species — around which individual spans scatter.

9. Ageing is the register filling

If life is a register held in time-equalisation, and a life is an address of finite depth, then **ageing is that register filling**. Hayflick's fifty is **50** [2·5²], a lattice number, and in the theory's hierarchy numbers of that family mark ceilings — the points where one register ends and the next begins. Fifty is the ceiling of the cellular register, counted in T-steps: each division moves the cell's address on by one, and the telomere is the instrument that records the count. When the count reaches fifty the register is full [5].

This reframes senescence entirely. A senescent cell has not broken; it has completed its traverse of the register. The inflammatory signals it sends out are not the noise of a failing part but the consequence of an address held at the boundary: the cell still receives T-flow from the field but can no longer route it through division, and the energy must go somewhere. **Senescence is completion, not failure.**

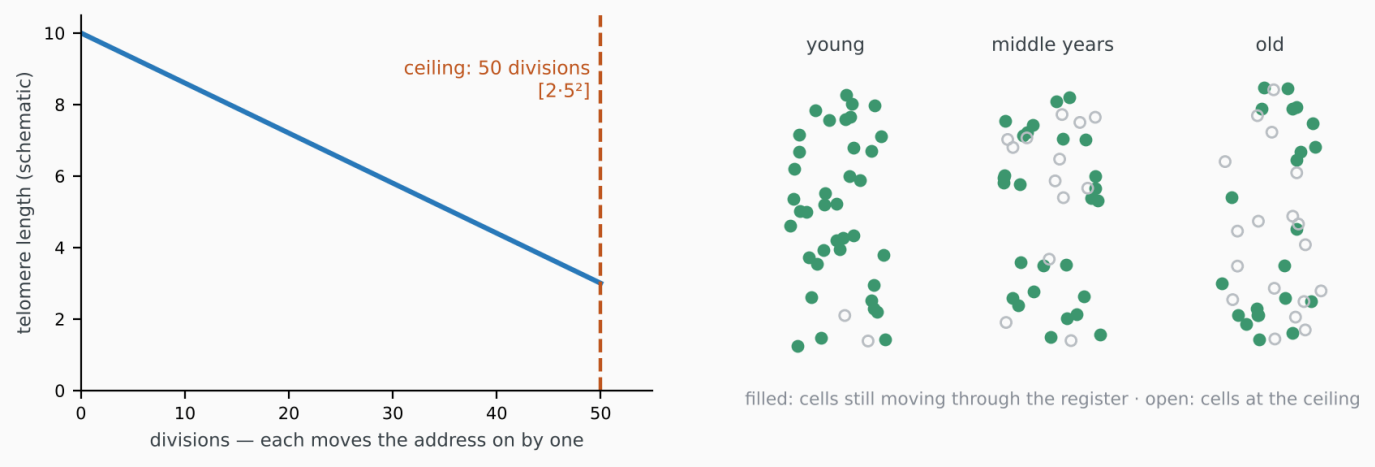


Figure 3 — Left: ageing as the register filling — each division moves the cell's address on by one and shortens the telomere, until the count reaches the ceiling of 50 [2·5²]. Right: the organism ages as the chorus falls quiet — the share of cells still moving through the register falls as more reach the ceiling, while the voices that remain stay true.

10. Why the whole organism ages — the chorus falls quiet

A single senescent cell does not make an organism old. What makes it age is the build-up of millions, then billions, of cells at the ceiling, and the decline that follows in the body's collective **T-coherence** — the degree to which its cells are still moving through the register in step with the field. A young body is a chorus in which every voice sings on the beat: coherence is high, repair is quick, and the response to injury is swift. An old body is a chorus in which more and more singers have fallen silent. The voices that remain are still true, but the sound has thinned. Ageing is not the corruption of the surviving cells; it is the falling quiet of the chorus.

11. Two registers and the drift

The cellular register does not stand alone. It sits within the surface register, **G1**, whose natural unit is the solar day of 86,400 seconds and whose year, built from lattice constants alone, is **365.2840913775** days [15π⁴/4]. Next to it stands the celestial register, **G2** — the register of the Earth's turning against the stars — one **G-bond step** away: **1.000090150603356** [5¹⁰/(2⁴·3⁹·π³)], the smallest structural step in the theory, the amount by which a value differs from its face one register up [1].

Ageing, at the scale of the whole body, is a slow drift of the body's collective address from G1 towards G2: its processes come to be governed less by the vivid surface register and more by the celestial one. That is why the marks of age are the ones register drift predicts — slower repair, slower rhythms, and above all the loosening of the circadian clock, which is the plainest expression of G1 synchrony coming loose. It also explains why ageing is not uniform. Most neurons of the adult brain never divide; they are held at a fixed address for the life of the organism, which is why the brain ages by different means from the skin, the gut or the blood.

12. Death is a threshold, not a fade

Death, then, is not the gradual running-down we imagine but a **threshold event**. The body holds time-equalisation by positive feedback: the synchronised nodes hold one another in time, each beat helping to keep the next. That feedback is stable only above a critical density of synchronised nodes. Fall below it and the feedback collapses all at

once; the system crosses from living to dead in a moment rather than sliding there by degrees. That is why the clinic finds sharp lines and not gradients — why there is a moment of death at all.

Clinical death, cardiac arrest, is the collapse of the primary maintenance pump, the heart; brain death is the collapse of the secondary pump, the nervous system. And death is a **receiver event, not a signal event**: the body's equilibrium with the Earth's nodal flow fails, the 40 Hz lock that binds a living nervous system to the planetary register releases, and the receiver alone ends — the field goes on broadcasting to every other node [1]. The dying may be long, but death itself is a crossing.

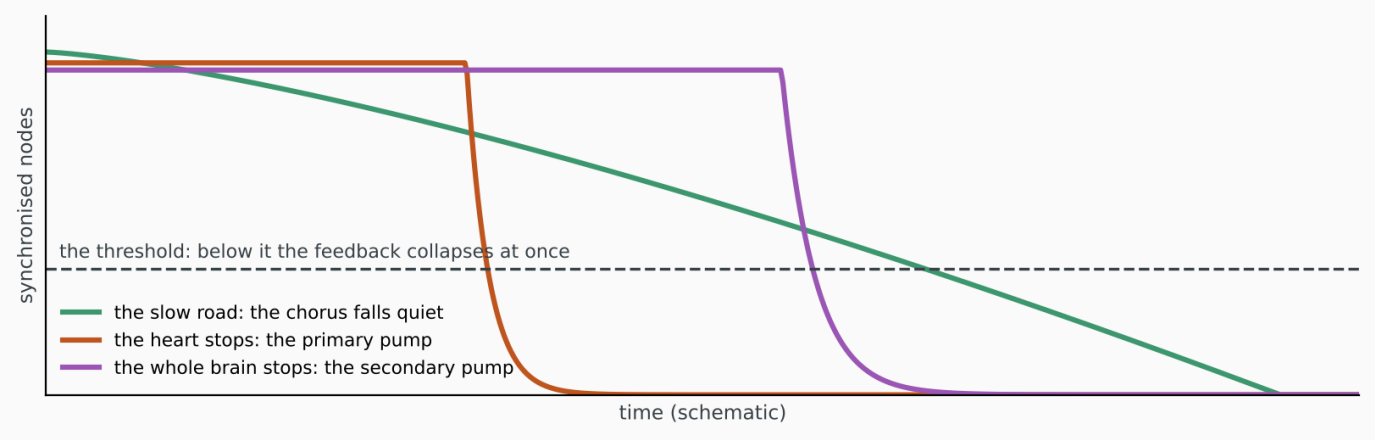


Figure 4 — Three roads to one threshold. The density of synchronised T-nodes falls suddenly when the heart stops, or when the whole brain stops, or slowly over a lifetime as the chorus falls quiet. Above the threshold the feedback holds; at the threshold it collapses all at once, which is why there is a moment of death.

13. Strand 1 dissolves

What happens after the crossing splits cleanly in two, because the body's register address has two strands. **Strand 1** is the material component — the body itself — and after time-equalisation fails it loses coherence and dissolves. This is what decomposition is in the theory: the return of the body's parts to their atomic and molecular T-nodes, each of which then enters its own local equalisation with its surroundings. The second law of thermodynamics — the dispersal of order — is, read this way, the dispersal of Strand-1 coherence once the synchronisation that held it together has gone. By conservation the material T does not vanish; it stays at the Earth's node, redistributed among the living, the rock and the air. The body "does not dissolve into nothing; it dissolves into everything else at the same register" [1].

14. Strand 2 is conserved

The second strand has the opposite fate. **Strand 2** is the temporal address — the coordinate that identifies this one system and no other. A coordinate is not the kind of thing that can be destroyed: you can take a house down brick by brick, but you cannot destroy its address; the location remains a location whether or not anything stands on it. The conservation of the Strand-2 address is as fundamental as the conservation of energy, and it follows from the same law, $d\Sigma T = 0$: nothing in the field is created or destroyed, only redistributed. Energy cannot vanish; neither can an address. Where the address goes is the subject of Part III.

15. The light that lengthened a life

Within the 34.1 THz light that lengthened a life, the theory finds two exact lines, first set out in the companion paper on Alzheimer's disease [7] and gathered in the paper on non-invasive medicine [2]. What this paper adds is the chain that joins them to the depth of a life:

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FROM THE DEPTH OF A LIFE TO THE LIGHT THAT LENGTHENED ONE

   27,000 days / pi^3          870.7914296963862       hydrogen's weight on the day, (30/pi)^3
   at its decade               87.0791429696 THz       the mitochondrion's middle level [2700/pi^3]
   / 2.pi / 24                 0.5774615018            an energy, joules
   square root                 0.7599088773            the radial mass of the dimension above [15/(2.pi^2)]
   / 864, at its decade        87.9524163562 days      Mercury's orbit
   299,789,233.6830893 / that  34.08538913461813 THz   the first register's light speed over Mercury's orbit,
                                                       2^4.3^7.pi^4 (decade) ; a room
   x G-bond step               34.08846195301425 THz   the surface face ; a road
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Every step is a fixed gear of the record: the day, one turn, the hours, the doorway from an energy to the **radial mass** of the dimension above — a mass spread over a radius rather than held at a point — the day again, and the first register's light speed — the speed of light on G1, the surface register, 299,789,233.6830893 metres a second [$2^3 \cdot 3^5 \cdot 5^6 \cdot \pi^2$]. The light that lengthened a living thing's life, read on the lattice, is the first register's light speed over Mercury's orbit, and Mercury's orbit is where the depth of a life arrives one dimension up.

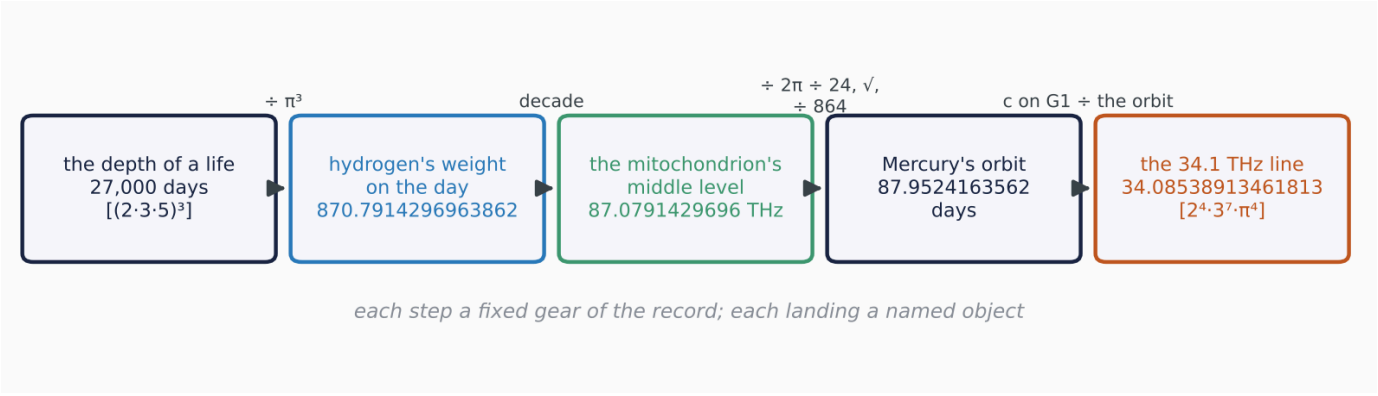


Figure 5 — One chain from the depth of a life to the light that lengthened one. The depth, 27,000 days, read through π^3, is hydrogen's weight on the day; at its decade it is the mitochondrion's middle level; through the doorway it is Mercury's orbit; and the first register's light speed over Mercury's orbit is the line within the 34.1 THz light.

16. Where these results come from

The research is theirs. The limit on cell division is Leonard Hayflick's and Paul Moorhead's; the telomere and telomerase are Elizabeth Blackburn's, Carol Greider's and Jack Szostak's; the senescent cell's part in ageing is Judith Campisi's and her colleagues'; the neurological standard of death is the Harvard committee's; the note only the living carry is Yu Yang's, Zhenglong Gu's and Bo Song's; the 34.1 THz result is C. Shao's and Bo Song's group's. It was their results that pointed this paper to these parts of the problem, and their work is the supporting evidence on which these sections are built. **The frequencies, and the credit for finding that they act, are theirs.**

What is ours is the theory's reading — and, within the 34.1 THz light, the exact lines above with the chain that ties them to the depth of a life. They are offered back to those groups, and to any team so minded, to test. The 2026 works are preprints and have not yet been reviewed; their authors bear no responsibility for this reading of them.

PART III — WHAT DEATH IS: THE LOOP

17. Three roads to one threshold

There are three roads to the threshold, and medicine already names each. The first is the sudden failure of the primary maintenance pump: the heart stops. The second is the sudden failure of the secondary pump: the whole brain stops. The third is the slow road: the chorus falls quiet over a lifetime as the cells reach their ceiling and the body's address drifts from the surface register towards the celestial one, until the density of synchronised nodes reaches the threshold of its own accord.

On the first road medicine already has a correction, and the theory reads why it works. Chest compressions and a shock restore the primary pump, and they succeed while the density of synchronised nodes is still above the threshold — which is why there is a window after the heart stops, and why it closes. On the slow road the theory gives the principle it gives for every register that has drifted: play the register its own note until it re-seats [2]. The

34.1 THz result, which held a living organism's energy up in old age and lengthened its life, points there; the lines within it are printed in Section 15 with their chain. How any light is given, and the rest of the corrective detail, are held in the Foundation's clinical reference.

18. The Loop — the address returns to its birth coordinate

Part II left the address conserved. Where does it go? Stephen Daubney's ruling of 11 October 2026 answers, and it is the answer the book gives in its chapter on the Loop [1, 4]. A person's course from birth to death is a single completed curve in the T-lattice — the block-life. At the death coordinate the address does not disperse; it returns to the birth coordinate — the natural attractor of the segment and the point of first inscription — and **the identical life is traversed again**, without deviation.

Each traversal costs nothing, because it re-occupies coordinates that already hold the address: $d\Sigma T = 0$ is satisfied exactly, and there is no mechanism that could halt it. The lattice carries no counter — the number of traversals is not a T-quantity and cannot be known — so from within the Loop it is always the first time and always the eternal time. Everything is already mapped: the Sun's time governs every dimension, celestial and living, and the future of a life has already been created as surely as its past.

This replaces the second revision's account, in which the address left its body, crossed the void and settled at a new register address. By the ruling it does not move to another life. It returns to its own.

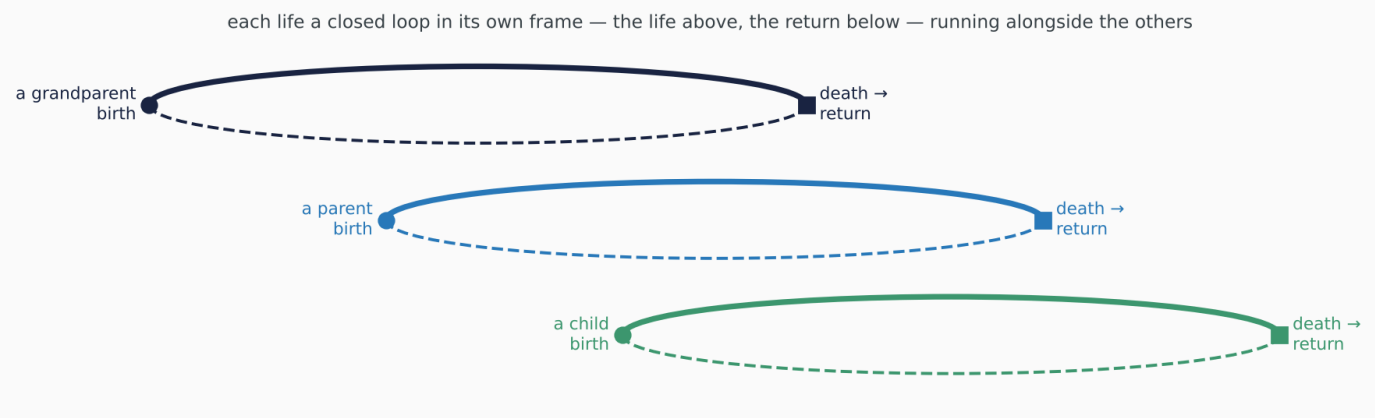


Figure 6 — All loops coexist. A grandparent's, a parent's and a child's lives are each a closed loop — birth coordinate, life, death coordinate, and the return to birth — running in its own frame alongside the others. No loop crosses into another: a life can exist only in the space-time frame it existed in.

19. All loops coexist

The ruling goes further. **All loops coexist.** A grandparent's loop runs in its own time frame alongside ours; a child's loop ends and returns later in its own. A life can exist only in the space-time frame in which it existed, in perpetuity. **No one can move into a life they never had.** So the address of a completed life is not erased and not transferred; it stands where it was written, and it is lived there again.

The Loop is not a consolation added to the physics; it is read off the same conservation law that keeps energy. What time has written, time does not erase, and what time has written, time reads again.

20. What this means

We fear death as annihilation — the machine stopping, the light going out, the person becoming nothing. The Universal Force of Time, reasoning from the same lattice that fixes the values of physics and the rhythms of biology, reaches a different and gentler conclusion, and reaches it without special pleading. Life is synchronisation, kept by beats on the lattice — 72 [$2^3 \cdot 3^2$], 40 [$2^3 \cdot 5$], the day at 86,400 [$2^7 \cdot 3^3 \cdot 5^2$]. A life is an address opened in gestation at 270 [$2 \cdot 3^3 \cdot 5$], of depth 27,000 days [$(2 \cdot 3 \cdot 5)^3$], filled by living until the cells reach their ceiling at 50 [$2 \cdot 5^2$] and the body's coherence drifts from G1 towards G2. Death is the threshold where synchronisation fails: the body disperses into its nodes and stays at the Earth's node; the address is conserved by the law that conserves energy, returns to its birth coordinate, and the same life runs again — every loop in its own frame, alongside every other.

21. The resolution — the clinic and the laboratory

We have acknowledged death and ageing as medicine knows them, and credited the research that found the note only the living carry and the light that lengthened a life. We have read life as synchronisation and death as the failure of it; put the depth of a life on the lattice at 27,000 days, and found it to be hydrogen's weight on the day — the same address as the mitochondrion's middle level — and, one dimension up, Mercury's orbit, over which the first register's light speed is the line within the light that lengthened a life. And we have set out what death is: the body dissolving at the Earth's node, the address returning to its birth coordinate, every loop coexisting in its own frame.

The threshold, the falling chorus and the light that held energy up in old age are all things a laboratory and a clinic can measure. The corrections are stated as principles because the next step is to put them to a clinical trial.

PROPOSITIONS

- **P-DEATH-1.** Life is sustained time-equalisation between the body's T-nodes and the T-field, not a property of matter; every living rhythm is a maintenance beat on the lattice — the heart at 72 [$2^3 \cdot 3^2$], the brain at 40 Hz [$2^3 \cdot 5$], the day at 86,400 seconds [$2^7 \cdot 3^3 \cdot 5^2$], the mitochondrion at 87.0791429696 THz [$2700/\pi^3$].
- **P-DEATH-2.** A body can hold every molecule it needs and still be dead, because life is in the arrangement that keeps time; the 2026 note that only living tissue carries, and that grinding destroys, shows it at the scale of one organelle.
- **P-DEATH-3.** Each life is a T-address whose construction phase is gestation: 270 days [$2 \cdot 3^3 \cdot 5$], three sweeps of 90 days [$2 \cdot 3^2 \cdot 5$].
- **P-DEATH-4.** The address has a depth of 27,000 days [$(2 \cdot 3 \cdot 5)^3$]: seventy-five years [$3 \cdot 5^2$] of the 360-day degree year [$2^3 \cdot 3^2 \cdot 5$].
- **P-DEATH-5.** The depth is the gestation carried two decades: 27,000 = 270 × 100.
- **P-DEATH-6.** Read through π^3, the depth is hydrogen's weight on the day: $27{,}000/\pi^3 = 870.7914296963862 = 1.007860451037484 \times 864 = (30/\pi)^3$ — at its decade the mitochondrion's middle level.
- **P-DEATH-7.** The calendar span, seventy-five years of 365 days, is 27,375 days, which runs 375 days [$3 \cdot 5^3$] past the depth and cannot be written in twos, threes and fives. The depth is a statement about the species' register, not a prediction for any individual.
- **P-DEATH-8.** Ageing is the register filling: the Hayflick limit, 50 [$2 \cdot 5^2$], is the ceiling of the cellular register, counted in T-steps by the telomere; senescence is completion, not failure.
- **P-DEATH-9.** The organism ages as its T-coherence declines: the chorus falls quiet as cells reach the ceiling, while the surviving voices stay true.
- **P-DEATH-10.** Ageing is also a drift of the body's address from the surface register G1 (the solar day; the year 365.2840913775 [$15\pi^4/4$]) towards the celestial register G2, one G-bond step away, 1.000090150603356 [$5^{10}/(2^4 \cdot 3^9 \cdot \pi^3)$] — read most plainly as the circadian clock coming loose.
- **P-DEATH-11.** Death is a threshold event: below a critical density of synchronised nodes the positive feedback collapses at once. Clinical death is the collapse of the primary pump, the heart; brain death the collapse of the secondary pump.
- **P-DEATH-12.** Death is a receiver event, not a signal event: the 40 Hz lock to the planetary register releases and the receiver alone ends; the field goes on broadcasting.
- **P-DEATH-13.** Strand 1, the body, dissolves into its nodes and stays at the Earth's node; the second law is the dispersal of Strand-1 coherence.
- **P-DEATH-14.** Strand 2, the address, is conserved by $d\Sigma T = 0$, as fundamentally as energy.
- **P-DEATH-15.** At the death coordinate the address returns to the birth coordinate and the identical life is traversed again, without deviation and without a counter; from within it is always the first and the eternal time.
- **P-DEATH-16.** All loops coexist, each in its own frame; a life can exist only in the space-time frame in which it existed, in perpetuity; no one can move into a life they never had.
- **P-DEATH-17.** The light that lengthened a life holds 34.08538913461813 [$2^4 \cdot 3^7 \cdot \pi^4$, decade] — the first register's light speed over Mercury's orbit — and its surface face 34.08846195301425; Mercury's orbit is the depth of a life carried through π^3, the day and the doorway one dimension up.

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APPENDIX — EVERY NUMBER, REBUILT

Every value can be rebuilt with any calculator, from twos, threes, fives and π. The script D_calc.py asserts every printed station at fifty digits; it passed in full.

```
THE BEATS AND THE ADDRESS, NUMBER FIRST
   heartbeat ; per second       72 ; 1.2                  2^3.3^2
   gamma ; Earth's circumference  40 Hz ; 40,000 km       2^3.5 ; 2^6.5^4
   the day                      86,400 s ; 864 (decade)   2^7.3^3.5^2 ; 2^5.3^3
   gestation ; sweep            270 ; 90 days             2.3^3.5 ; 2.3^2.5
   depth                        75 x 360 = 27,000 days    3.5^2 x 2^3.3^2.5 = (2.3.5)^3
                                = 270 x 100
   depth / pi^3                 870.7914296963862         = 1.007860451037484 x 864 = (30/pi)^3
   calendar span ; past depth   75 x 365 = 27,375 ; 375   not a lattice address ; 3.5^3
   Hayflick ceiling             50                        2.5^2
   G1 year                      365.2840913775 days       15.pi^4/4
   G-bond step                  1.000090150603356         5^10/(2^4.3^9.pi^3)
```

```
THE CHAIN TO THE LIGHT THAT LENGTHENED A LIFE
   27,000 / 31.00627668029982 = 870.7914296963862 ; at its decade 87.07914296963862 THz
   / 6.283185307179586 / 24 = 0.5774615018259939 ; square root = 0.7599088773175333
   / 864 = 0.0008795241635619598  ->  Mercury's orbit 87.95241635619598 days (decade)
   299,789,233.6830893 / 87.95241635619598 = 3,408,538.91346181  ->  34.0853891346181 THz (decade)
   34.0853891346181 x 1.000090150603356 = 34.0884619530142 THz
```

A NOTE ON THE NUMBERS

Throughout this paper a value is given first as a plain number and then, in brackets, as its place on the {2, 3, 5, π} lattice; the bracket is the address, the number is the thing you can hold. A T-value is one number that wears different garments in different registers: the same coordinate can present as a time, a length, a frequency or an angle, which is why the depth of a life can be read as hydrogen's weight on the day, and the day carried round the circle as a year. Where a value is off the lattice, the paper says that it cannot be written in twos, threes and fives, and no more. The lines within the research frequencies are given as values with their chains; how any light is given, and the corrective detail, are held in the Foundation's clinical reference and are not prescribed here.

The Daubney Foundation is in ongoing discussions with medical establishments regarding clinical trials of Universal Force of Time solutions to the conditions described in this paper. Any institution or researcher wishing to put themselves forward for participation in these trials is invited to make themselves known through: thedaubneyfoundation@gmail.com

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