

THE UNIVERSAL FORCE OF TIME

Attachment and the T-Bond

A bond is a resonance channel — the three ways it goes wrong, the way back of each, and the one law that carries it down the generations

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Tau (T) is the living fabric of time itself — the sole substance of which all physical reality is composed. Every particle, force, wavelength, and conscious experience is a structured configuration of T-flow. There is no gravity, no electromagnetic force, no strong nuclear force as separate entities: all are registers of the single T-field operating across dimensional levels. The conservation law $d\Sigma T=0$ governs all change: T is never created or destroyed, only redistributed.

Abstract

Human attachment bonds are not social constructions, nor metaphors for the feeling of being close. They are physical resonance channels between two T-addresses — coordinates in the T-field lattice. When a child and a caregiver achieve sustained synchrony of rhythm, response and co-regulation, their T-addresses open a channel that carries T-field flux in both directions, on the 40 Hz ($(2^3 \times 5)$) carrier the Earth broadcasts to the biology it hosts. Secure attachment is that channel in coherent operation — the healthy baseline. From it this paper reads the three insecure styles mapped by Bowlby and Ainsworth as **three** genuinely distinct faults in the channel, and pairs each with the principle of its repair: the **anxious** channel *will not hold steady* — an inconsistent source has calibrated the address to uncertainty, and the answer is to *steady the source*; the **avoidant** channel is *damped shut* at the output while the cortisol demand persists beneath the calm, and the answer is to *re-open the output*; the **disorganised** address *cannot resolve*, because fear and safety arrive from one source, and the answer is to *separate fear from safety*. Where the source is also the threat, safety must come first — an address cannot calibrate to a source that is also the danger. Beneath all three runs one mechanism: the internal working model is a T-map, structural and beneath awareness, and a map is redrawn only by sustained coherent resonance, never by insight alone — which is what earned security and effective therapy actually are. One law binds the account: under $d\Sigma T=0$ coherence is never made from nothing, only passed on, restored or lost; the insecure calibration was an optimal solution to a poor field, never a flaw; and because a map redrawn in one generation is a coherent field for the next, attachment is transmitted down the generations — a parent's state forecasts the child's with about 75% accuracy ($3/4 = 3/2^2$). Eleven propositions, P-ATT-1 to P-ATT-11, are given; any T-resynchronisation protocol is held in the Foundation's confidential clinical reference.

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

1 What a bond actually is

When a child reaches for a caregiver and the caregiver reaches back, something happens that psychology has long recognised as foundational. John Bowlby called it attachment; Mary Ainsworth showed it organises into recognisable patterns; decades of developmental science have mapped its consequences for emotion, health and longevity. What that science has never explained is what a bond actually *is* at the level of physical mechanism — why the loss of a primary attachment figure produces grief that looks, biochemically, like physical injury; why secure attachment tracks lower cortisol, better immunity, longer telomeres; why an infant given adequate food but no warmth or contact fails to thrive, and at the limit dies.

Figure 1 — A bond is a real resonance channel between two T-addresses, carrying T-flux both ways on the 40 Hz carrier

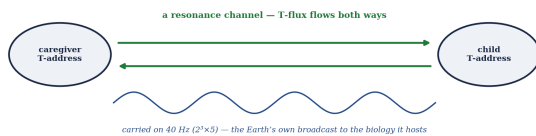


Figure 1 — A bond is not a metaphor. It is a real resonance channel between two T-addresses, each encoded in the DNA of a living organism, carrying T-flux both ways on the 40 Hz ($2^3 \times 5$) carrier — the Earth's circumference of 40,000 km divided by a thousand.

The Universal Force of Time supplies the missing mechanism. A bond is a real resonance channel between two T-addresses — two coordinates in the T-field lattice. When two organisms sustain coherent synchrony, a channel opens between their addresses and carries T-field flux. The 40 Hz neural oscillation — 40 Hz ($(2^3 \times 5)$), the Earth's circumference of 40,000 km divided by a thousand — is the carrier frequency of this T-address communication in the G1 biological register. Heart-rate variability, cortisol rhythms, vocal prosody and the synchrony of neural oscillations are all T-flux signals riding that carrier. The channel is not symbolic; it is a real T-field structure, and its disruption is a real physical event. The biological consequences of attachment quality — immune function, cortisol regulation, telomere length, even mortality — follow from T-flux availability, not from an undefined social-emotional state.

2 Secure is the baseline; the others are three faults

Ainsworth's Strange Situation revealed four distinct patterns of infant response to separation and reunion. In the Force of Time these are four states of one T-channel, set by two axes: whether the channel is open or suppressed, and whether the address is stable or fragmented (Figure 2). One of the four is not a fault at all — it is the target the other three are measured against.

Figure 2 — The four resonance states. Grey = caregiver signal; coloured = child. Dashed amber = persisting cortisol demand.

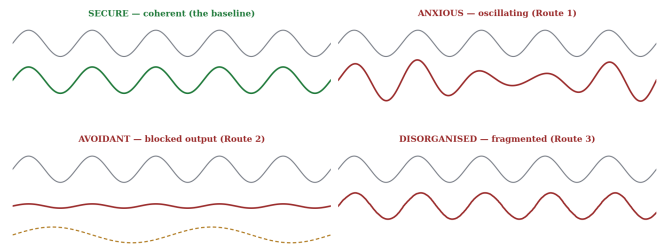


Figure 2 — The four resonance states. Secure: caregiver and child phase-locked (coherent — the baseline). Anxious: the child tracks the caregiver but with amplitude driven by the caregiver's uncertainty (oscillating). Avoidant: output suppressed while the cortisol demand signal persists (blocked). Disorganised: no stable phase relationship (fragmented).

Secure — coherent resonance. The child's T-address has calibrated accurately to the caregiver's signal; the channel is fully open both ways. When the caregiver is present, T-flux flows freely; when they leave, the child experiences a real drop in T-flux, observed as distress; at reunion the channel re-opens and homeostasis returns. Secure attachment is not an emotional state but a T-channel in coherent operation — and it is the baseline, not one of the routes. The other three are the three ways the channel can fail, and each, read carefully, is a distinct physical fault with a distinct answer. The body of this paper builds the mechanism of each before pairing it, in Section 10, with the principle of its repair.

3 Waveform signatures

The framework makes a concrete prediction: attachment styles should leave measurable waveform signatures in the synchronised physiology of caregiver and child. Heart-rate variability, cortisol rhythms, neural oscillations and vocal prosody are all carriers of T-field signal at the biological register, so the state of the channel should be readable in them directly.

In secure dyads the two signals are phase-coherent — matched in frequency and in amplitude modulation. In anxious dyads the child's signal tracks the caregiver's but with amplitude fluctuations driven by the uncertainty in the caregiver's pattern. In avoidant dyads the child's output signal is suppressed while the cortisol signal — the measure of T-flux demand — remains

active. In disorganised dyads neither signal achieves a stable phase relationship. Studies of dyadic synchrony in heart rate, cortisol and neural oscillation have already shown style-specific patterns in caregiver-infant pairs; the T-bond framework supplies the causal mechanism beneath those observations — not a new description but an explanation.

4 The repair cycle builds the channel

Every attachment relationship suffers disruption. Caregivers misread cues, become briefly unavailable, respond from their own distress rather than the child's. Ed Tronick's still-face experiments showed that even a brief disruption of the channel is detected at once and elicits distress — but also that repair, the act of re-engagement, is equally powerful (Figure 3).

Figure 3 — The repair cycle: a disruption is a temporary loss of coherence; each successful repair strengthens the channel

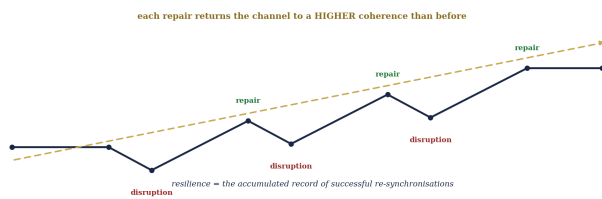


Figure 3 — A disruption is a temporary loss of channel coherence; the child emits a distress signal — a T-flux demand calling for restoration. Each successful repair returns the channel to a higher coherence than before. Resilience is the accumulated record of successful re-synchronisations.

In Force-of-Time terms a disruption is a temporary loss of channel coherence; the child's T-address emits a distress signal — a T-flux demand calling for restoration. If the caregiver re-synchronises, coherence is restored and, crucially, strengthened: the address has now calibrated to include the experience of disruption-and-repair, which is the physical foundation of resilience. If repair does not come, the address adapts to the absence. Anxious patterns are calibrations to unreliable signal; avoidant patterns are calibrations to reliably absent signal. These are not pathologies — they are optimal solutions given the available T-field environment. The tragedy is never that the child adapted badly; it is that the environment gave them so little to adapt to.

5 The map you carry forward — internal working models as T-maps

The patterns set in infancy do not stay in infancy. From the thousands of small experiences of reaching and being answered, a child builds an expectation of what a bond will do — what Bowlby called an internal working model. The Force of Time identifies this directly: the internal working model is a T-map. It is not a memory of the caregiver, stored and recalled; it is a structural feature of the developing T-mirror — the self-referential model every living T-address carries of how its own signals will be met (Figure 4).

Figure 4 — The internal working model is a T-map: structural, not remembered, it bends every later signal before it reaches the address

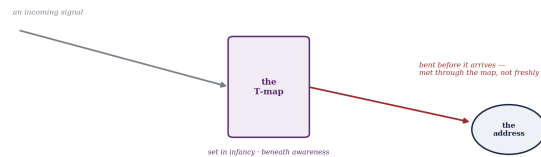


Figure 4 — The internal working model is a T-map. Because it is structural and not remembered, it operates beneath awareness, bending every incoming T-signal before it reaches the address: a partner is met not freshly but through the map set in infancy.

Because it is structural and not remembered, the T-map operates beneath awareness and shapes every later bond. A partner is not met freshly; they are met through the map. The anxiously-mapped address expects inconsistent resonance and reads even a neutral signal as the early flicker of withdrawal; the avoidantly-mapped address expects the channel to be closed and pre-emptively damps its own. This is why attachment travels: the map laid down in the first years is the lens through which the whole of later love is seen. To change the pattern is to redraw the map — and a map can be redrawn only by new resonance, never by insight alone. Hold on to that line; it is the mechanism beneath all three repairs at the end of this paper.

6 Adult attachment, T-address persistence and the daily bid

The T-address established in early caregiving persists across the lifespan as the default resonance template an individual brings to every later bond. Adult attachment styles — measured by the Adult Attachment Interview and the Experiences in Close Relationships scale — map directly onto the same three insecure resonance faults, now expressed in partnerships, friendships and professional life.

In adult life the map shows itself in the smallest exchanges. John Gottman's studies of couples identified what he called bids for connection — the constant small T-signals one partner sends requesting resonance: a glance, a remark, a touch, a shared observation. The partner can turn towards the bid (answer the signal —

T-bond attunement), turn away (miss it — a dropped signal), or turn against it (rebuff it — T-bond disruption). Gottman found that the running balance of these micro-responses, far more than the presence of conflict, predicts whether a bond survives. In Force-of-Time terms each answered bid is a pulse of restored coherence on the channel, each missed or rebuffed bid a small loss; relationships dissolve not from single ruptures but from the accumulated deficit of unanswered T-signals. The same calibration the infant once performed against a caregiver, the adult performs continuously against a partner — bid by bid.

This persistence is not irreversibility. A T-address is a dynamic structure, and it can be recalibrated by sustained exposure to a new coherent resonance source — a secure partner, a therapeutic relationship, a community of coherent bonds. What is required is enough sustained coherent signal to shift the calibration. This is the mechanism beneath earned security: people insecurely attached in childhood who move to security in adulthood through new relationships. A therapeutic relationship, in Force-of-Time terms, is a precision T-bond — a consistently available, consistently coherent channel, the very conditions the original attachment failed to provide. The active ingredient is not cognitive reframing alone; it is T-field re-synchronisation. The specific protocol detail of any such work is held in the Foundation's confidential clinical reference pending trials; what is offered openly is the principle — supply a coherent channel for long enough, and the address recalibrates.

7 Parenting as T-field transmission

There is a finding in attachment research that has unsettled the field for forty years: the way a parent is attached predicts the way their child will be attached — and it can be measured before the child is born. Assessed by the Adult Attachment Interview during pregnancy, a parent's own attachment state forecasts the infant's pattern with about 75% accuracy ($3/4 = 3/2^2$) (Main and colleagues). A pattern is handed down a generation before the child has had a single experience of its own.

The Force of Time names the mechanism: parenting is T-field transmission. A parent does not merely influence a child's behaviour; the parent's T-mirror — its coherence or its disruption, its own map, its capacity to regulate — is the primary reference field against which the child's forming mirror calibrates. The child tunes to the field it is given. Where the parent's mirror is coherent, the child calibrates to coherence; where the parent carries an unresolved disruption — a fragment in their own address — the child's mirror absorbs the disruption and attempts to model it, inheriting not the

event but its shape in the T-field. This is how attachment runs in families: not through genes alone, and not through instruction, but through the direct transmission of one T-mirror's coherence to the next. It is also why the work of repair matters beyond the person who does it. An address recalibrated to coherence in one generation is a coherent field for the next — the surest way to change a child's map is to redraw your own. The conservation law $d\Sigma T=0$ holds across the generations as much as within a life: coherence is never created from nothing, only passed on, restored, or lost.

8 The carrier is the planet's own

The carrier frequency is not arbitrary. The 40 Hz neural oscillation is 40 Hz ($(2^3 \times 5)$), and it is the Earth's circumference of 40,000 km ($(2^6 \times 5^4)$ km) divided by a thousand. The biological register operates at the frequency the Earth's T-field broadcasts to living systems. Attachment bonds are formed, held and repaired at the same carrier as the planet itself.

This is why the framework reaches beyond psychology. The bond between a caregiver and a child is, in the Force of Time, a miniature of the bond between the Earth and its living inhabitants — the same carrier, the same resonance, the same conservation law $d\Sigma T=0$ governing the flux. Human bonding is not separate from the physics of the universe. It is one expression of it.

9 Why this changes everything

The T-bond framework does not replace developmental psychology; it grounds it. It explains why attachment matters at the level of mechanism rather than correlation. It explains why the body answers social loss the way it answers physical injury — because the loss of a T-channel is a real reduction in the T-flux that supports the regulation of every organ system. It explains why repair is curative, why the patterns of infancy reach into adult love through the T-map, why a parent's coherence becomes a child's inheritance, and why early caregiving is not merely important for 'emotional development' but for the physical calibration of the T-address architecture that will govern health across the whole life course.

A bond, then, is not a feeling. It is a T-channel — a real structure in the living fabric of time. Its disruption is a physical event; its repair is a physical restoration. With the mechanism in hand, we can now read the three insecure styles the way a clinician must: as three definite faults in the channel, each with a definite answer.

10 Three ways a bond goes wrong — and the way back of each

Everything to this point has been mechanism. Now we read it as repair must read it: not as one shapeless category of ‘insecurity’ but as three distinct things going wrong in the channel, each a definite physical fault, each with a definite Force-of-Time answer. Secure attachment is the baseline these are measured against, not one of the routes. The answers below are *principles*, not prescriptions — the direction in which the channel is to be re-tuned, never a therapy named here. And there is an order: where the source of fear is also the only source of safety, safety must be established first, before any channel can be steadied or re-opened (Figure 5).

Route 1 — THE CHANNEL WON’T HOLD STEADY (anxious)

The caregiver’s signal has been inconsistent — present and warm one hour, absent or intrusive the next — so the child’s T-address has calibrated not to the caregiver but to the *uncertainty*, holding the channel hyper-sensitive as a compensatory strategy. The channel opens and closes with environmental cues rather than holding steady. High sensitivity here is not neediness but an optimal register-preservation response to an unreliable source: the address keeps the channel wide open because it cannot predict when the next pulse of T-flux will come.

Easing 1 — STEADY THE SOURCE

If the channel oscillates because it was calibrated to an unreliable source, the route home is a reliable one. The principle is to supply a coherent resonance source steady enough, and for long enough, that the address can recalibrate from uncertainty to trust — the channel learns it no longer needs to stay hyper-open because the T-flux now arrives predictably. This is the precision T-bond of Section 6: a consistently available, consistently coherent channel, the condition the original bond lacked. The principle is steadiness; the precise delivery is held in the Foundation’s clinical reference and is not printed here.

Route 2 — THE CHANNEL IS DAMPED SHUT (avoidant)

Where the anxious address keeps the channel wide open, the avoidant address has done the opposite. Repeated unavailability has led the child to suppress channel expression altogether. The T-address is intact, but transmission is actively damped at the output — and the tell is physiological: avoidant infants show elevated cortisol during separation despite behavioural calm. The demand for T-flux is still there, fully present beneath the surface; what has been shut off is its expression, because expressing it reliably brought no answer.

Easing 2 — RE-OPEN THE OUTPUT

Because the block is at the output and not the source — the demand persists, only its expression is suppressed — the principle of repair is to make expression safe again. A consistently available, non-punishing channel lets the damped output resume: the address discovers that a signal sent will now be met, and the suppression it learned is slowly released. Recovery here does not install a need that was missing; it re-opens one that was always there. The principle is restored expression on a safe channel; the means are held in confidence.

Route 3 — THE ADDRESS CAN’T RESOLVE (disorganised)

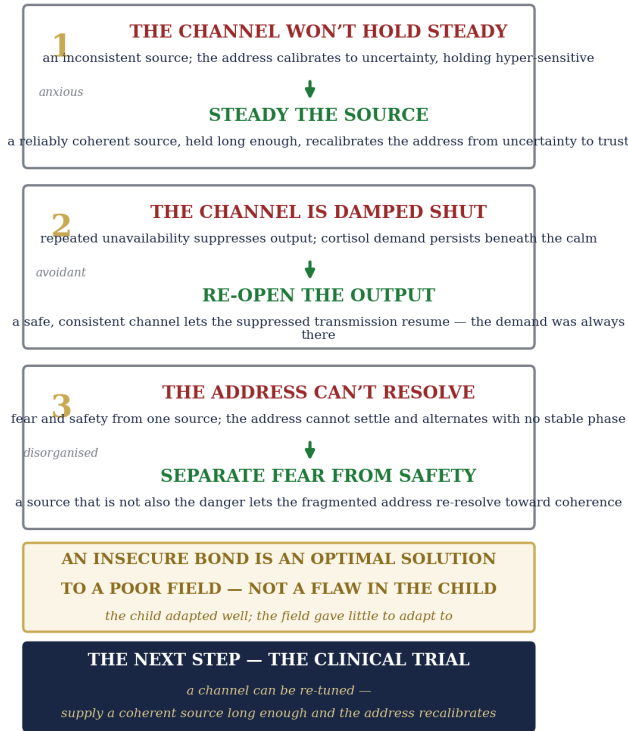
The third fault is the deepest, and structurally different from the first two. Where the caregiver is at once the source of fear and the only source of security, the T-address cannot resolve to a coherent state: the same signal calls for approach and for flight at once. The channel alternates between activation and suppression with no stable phase — fragmented rather than merely mis-tuned. This is the style most strongly associated with later difficulty, because a fragmented T-address impairs the full register of biological regulation, not just the bond itself.

Easing 3 — SEPARATE FEAR FROM SAFETY

A fragmented address cannot be steadied or re-opened while the source it must calibrate to is also the source of its fear — there is no coherent signal to lock to. The principle of repair is therefore prior to the other two: establish a source of safety that is *not* also the danger. Only once fear and security come from different places can the address begin to resolve toward a single coherent state, after which a steadying or re-opening channel can take. The principle is separation of fear from safety; the protocol that achieves it is held in the Foundation’s clinical reference.

THREE WAYS A BOND GOES WRONG

— and the way back of each —



THE ORDER OF THE THREE

— and the law that carries it down —

make the source safe first; then steady or re-open



Figure 5 — The three ways a bond goes wrong, each paired one-to-one with the principle of its repair. Secure is the baseline, not a route. Where the source of fear is also the source of safety, Route 3 must be answered first; the channel can then be steadied or re-opened. An insecure bond is an optimal solution to a poor field, never a flaw in the child.

Figure 6 — Repair in order: where fear and safety share one source, separate them first; then steady the anxious channel or re-open the avoidant one. Beneath all three runs one mechanism — the T-map is structural, so it is redrawn only by sustained coherent resonance, never by insight. And beneath that, the binding law: under $d\Sigma T=0$ coherence is never made from nothing, only passed on, restored or lost.

11 The order of the three, and the law that carries the bond down

The three routes are not a list to be worked through in any order; they have a definite arrangement, set by one fact about the address. An address can only recalibrate to a source it can lock to — and where the source is also the threat (Route 3), there is no coherent signal to lock to at all. So the disorganised address must first be given a source of safety distinct from its source of fear; only then can the anxious channel be steadied or the avoidant output re-opened. Where the bond is purely anxious or purely avoidant, the single matching route applies directly (Figure 6).

Beneath all three routes runs a single mechanism, and it is the most practical line in the paper. The internal working model is a T-map — structural, laid into the address, operating beneath awareness. It cannot be argued with, because it is not a belief; it cannot be reasoned away, because it is not a thought. It can be redrawn only by new resonance — by a real channel, held coherent and available long enough that the address recalibrates against it. This is why insight alone, however true, does not move an attachment pattern, and why every one of the three repairs above is at bottom the same act: supply a coherent source, and supply it long enough. Earned security, effective therapy, a steady partnership over years — all are T-field re-synchronisation, the map redrawn by resonance.

And now the binding clause of the whole account. It would be easy to hear three faults of the bond as a verdict on the people who carry them. The Force of

Time draws the opposite line. Under the conservation law $d\Sigma T=0$, coherence is never created from nothing — only passed on, restored, or lost. The insecure calibration was never a flaw in the child; it was an optimal solution to the field the child was given, an address doing exactly what an address should do with the signal it received. Because coherence is conserved and not created, the work of repair is never wasted: an address recalibrated to coherence in one life becomes a coherent field for the next, which is why a parent who redraws their own map redraws their child's before the child has had a single experience of its own. What runs in a family is not the event but its shape in the T-field — and a shape can be re-tuned. To be securely attached is to be in coherent resonance with another address, on the frequency of the planet that carries you both.

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life = the destruction of life*

Appendix A — The Three Routes at a Glance

Secure attachment is the baseline, not a route. Where the source of fear is also the source of safety, Route 3 is answered first; only then can Routes 1 or 2 take. Every repair is a principle — a direction of re-tuning — never a therapy named here; all protocol detail is held in the Foundation’s confidential clinical reference. Under $d\Delta T=0$ each route re-tunes a channel of time; none creates coherence from nothing — it is restored.

Route	The channel fault	The repair (principle only)	What it restores
1 — The channel won’t hold steady (anxious)	an inconsistent source calibrated the address to uncertainty; the channel is held hyper-open, opening and closing with cues	steady the source — supply a reliably coherent channel, held long enough, until the address recalibrates from uncertainty to trust	a channel that no longer needs to stay hyper-open
2 — The channel is damped shut (avoidant)	transmission is suppressed at the output while the T-flux demand persists; cortisol rises during separation despite outward calm	re-open the output — a safe, non-punishing channel lets the suppressed expression resume; the demand was always there	expression of a need that was never absent
3 — The address can’t resolve (disorganised)	fear and safety arrive from one source; the address cannot lock and alternates with no stable phase — fragmented	separate fear from safety — establish a source of safety that is not also the danger, so the address can resolve toward coherence	a single coherent state the channel can hold

Appendix B — The Register Model of the Bond at a Glance

Each value is given physical-first, with its $\{2,3,5,\pi\}$ lattice form alongside. The load-bearing number is the 40 Hz carrier: the body bonds on the planet’s own broadcast frequency, stepped down by a clean lattice factor.

Quantity	Physical value	Lattice form	Role in the bond
Bonding carrier	40 Hz	$2^3 \times 5$	the 40 Hz biological channel; the Earth’s broadcast to its life
Earth circumference	40,000 km	$2^6 \times 5^4$	the carrier’s parent value — $\div 1000$ gives the 40 Hz beat
Intergenerational forecast	$\approx 75\%$ (three-quarters)	$\frac{3}{4} = 3/2^2$	a parent’s attachment state forecasts the child’s (Main et al.)
Secure dyad	phase-coherent	the baseline	channel fully open both ways — homeostasis on reunion
Internal working model	a T-map	structural, beneath awareness	bends every later signal; redrawn only by resonance

Appendix C — The Ledger

Table A1 — Propositions P-ATT-1 ... P-ATT-11

#	Proposition
P-ATT-1	An attachment bond is a stable resonance channel between two T-addresses. It carries T-field flux in both directions, supporting T-address calibration, immune function and time equalization. Bond formation is a physical event in the T-field lattice, not a social convention.
P-ATT-2	Secure attachment is coherent resonance — the channel fully open both ways, homeostasis restored on reunion. It is the healthy baseline against which the three insecure faults are measured, not itself one of the routes.
P-ATT-3	Anxious attachment = oscillating T-resonance (Route 1). The channel is open but unstable, calibrated to uncertainty. High sensitivity to caregiver cues is a register-preservation strategy compensating for an unpredictable signal; repair is to steady the source until the address recalibrates from uncertainty to trust.
P-ATT-4	Avoidant attachment = actively blocked T-channel (Route 2). The address is intact; transmission is suppressed at output. Cortisol elevation without behavioural distress is the measurable signature of channel suppression under continued T-flux demand; repair is to re-open the output on a safe channel — the demand was never absent.
P-ATT-5	Disorganised attachment = fragmented T-address (Route 3). Simultaneous fear activation and attachment activation create an irresolvable channel state; address fragmentation propagates into general biological regulation, raising clinical risk across multiple organ systems. Repair is prior to the others: separate fear from safety so the address can resolve.
P-ATT-6	Each successful disruption-repair cycle increases T-channel coherence. Resilience is the accumulated record of successful repairs — a T-address calibrated to withstand disruption because it holds evidence that re-synchronisation occurs.
P-ATT-7	An attachment T-address set in childhood can be recalibrated across the lifespan by sustained exposure to a new coherent resonance source. Earned security, therapeutic change and long-term partnership effects — including the daily balance of Gottman bids answered or missed — are all instances of T-address recalibration via re-synchronisation of the channel.

#	Proposition
P-ATT-8	The internal working model is a T-map — a structural feature of the T-mirror, not a stored memory — encoding the expected resonance pattern of the primary bond. Because it is structural it operates beneath awareness: every later bond is perceived through the map set in infancy, which is why attachment patterns persist until new resonance redraws them, and why insight alone cannot move them.
P-ATT-9	Parenting is T-field transmission: the parent's T-mirror coherence (or its disruption) is the reference field against which the child's mirror calibrates. This grounds the intergenerational transmission of attachment — a parent's own attachment state predicts the child's with $\approx 75\%$ accuracy ($\frac{3}{4} = 3/2^2$; Main et al.) — and means recalibrating an address to coherence supplies a coherent field for the next generation.
P-ATT-10	The carrier of biological T-bond signalling is 40 Hz ($(2^3 \times 5)$), the Earth's circumference of 40,000 km ($(2^6 \times 5^4)$ km) divided by a thousand. Heart-rate variability, cortisol rhythms, vocal prosody and neural-oscillation synchrony are T-flux signals riding that carrier; the caregiver-child bond is a miniature of the bond between the planet and the life it carries.
P-ATT-11	The binding law of the three routes: under $d\Sigma=0$ coherence is never created from nothing, only passed on, restored, or lost. The insecure calibration was an optimal solution to a poor field, never a flaw; every repair re-tunes a channel rather than creating a need; and because a map redrawn in one generation is a coherent field for the next, the work of repair is conserved across lives. The three routes are not padded to a quota — attachment has three real channel-faults, not four.

Appendix D — Open Questions

Table A2 — Open questions OQ-ATT-1 ... OQ-ATT-5

#	Open question
OQ-ATT-1	Can the four resonance states be read directly as distinct phase/amplitude relationships in simultaneously recorded caregiver-child HRV, cortisol and gamma traces — and do the three insecure faults separate cleanly on those axes?
OQ-ATT-2	Is the $\approx 75\%$ ($\frac{3}{4} = 3/2^2$) intergenerational forecast a stable register identity across populations, or does it drift — and if it drifts, toward which lattice neighbour?
OQ-ATT-3	Does re-tuning a single insecure channel (steady / re-open / separate) leave the others' signatures unchanged, distinguishing three real faults from one graded continuum?
OQ-ATT-4	For disorganised attachment, can the moment when fear and safety are successfully separated be detected as the address first achieving a stable phase, before any steadying or re-opening begins?
OQ-ATT-5	What sustained dose of coherent resonance is required to redraw a T-map at a given age — and does the requirement scale with how early and how deeply the original map was laid down?

A Note on the Numbers

A note on the numbers. This is largely a paper about a mechanism, so it carries only a few numbers; where one appears it is given first as the plain physical value and only then, in brackets and in grey, as its place on the $\{2,3,5,\pi\}$ lattice. The lattice form is not a unit and carries no powers of ten of its own: a T-value is one number that wears different clothes in different registers. The load-bearing number here is the carrier frequency of biological T-signalling — 40 hertz, the Earth's circumference of 40,000 kilometres divided by a thousand. Forty is $2^3 \times 5$; forty-thousand kilometres is $2^6 \times 5^4$; the carrier the body bonds on is, quite literally, the planet's own broadcast frequency stepped down by a clean lattice factor — and it is the same $2^3 \times 5$ whether you read it as a beat per second of the bonding channel or as a node on the $\{2,3,5\}$ lattice. One further number appears — the roughly 75% accuracy (three-quarters, $\frac{3}{4} = 3/2^2$) with which a parent's own attachment state forecasts their child's; it is an empirical regularity from the attachment literature, reported here as measured, and the three-quarters is offered only as a quiet register identity, not as proof. None of these numbers is a prescribed therapy: the specific protocol detail of any T-resynchronisation work is held in confidence in the Foundation's clinical reference pending clinical trials, and is not printed here. What this paper offers in the open is the physics of the bond itself.

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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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