

# The Somatic-Affective Architecture of the Core Emotion Framework: A Multi-Scale Analysis of Midline Agility and Lateralized Operator Dynamics

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## Abstract

The evolution of affective science has necessitated a transition from viewing emotions as static biological categories toward a functional understanding of emotions as dynamic transformations within a structured system. The Core Emotion Framework (CEF), a structural-constructivist model of the human psyche, provides a granular architecture for this understanding, organizing human experience into ten distinct functional operators distributed across three primary hubs: the Head (Cognitive), the Heart (Affective), and the Gut (Conative). Central to this framework is the protocol of Emotional Cycling, a structured method designed to activate, differentiate, and balance these operators to foster psychological resilience and emotional agility. By applying

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*\*) We welcome feedback on the preregistration and study design, and invite researchers who are interested in pre-reviewing the system to contact us.*

these cycling protocols to somatic grounding—specifically targeting the pelvic floor and postural alignment—it is possible to strengthen the midline axis of the psyche, composed of the Deciding, Achieving, Boosting, and Accepting operators, thereby mitigating the rigid interference of the Constricting operator and harmonizing the lateralized outgoing and reflecting functions.

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## 1. The Structural-Constructivist Architecture of the CEF

The Core Emotion Framework reframes the human internal landscape not as a series of random moods, but as a "Human Operating System" (Human OS) governed by precise functional operators.<sup>1</sup> In this model, emotions are treated as internal transformations that process information, regulate relational aperture, structure action, and recalibrate baseline states.<sup>2</sup> This architecture is organized into a 3×3+1 system, where nine operators are housed within three functional centers, and a tenth operator, Accepting, serves as the universal manifestor and baseline for the entire system.<sup>1</sup>

The Head center acts as the system's processor, responsible for navigation and logic.<sup>1</sup> It does not "feel" the environment in a conventional sense; rather, it "maps" it through Sensing (data intake), Calculating (analysis), and Deciding (conclusive resolution).<sup>1</sup> The Heart center serves as the engine, providing the magnitude and direction of the individual's drive through Expanding (openness), Constricting (focus/protection), and Achieving (the action vector).<sup>1</sup> Finally, the Gut center serves as the foundation or motoric engine, anchoring the system through Arranging (organization), Appreciating (resonance/value), and Boosting (momentum/stability).<sup>1</sup>

**Table 1: Functional Mapping of the Decalogue of Operators**

Center	Function	Right / Outgoing (CW)	Left / Reflecting (CCW)	Midline / Balancing (Swing)	Baseline (Spiral)
Head	Processor /	Sensing	Calculating	Deciding	—

<b>(Cognitive)</b>	Navigation				
<b>Heart (Affective)</b>	Engine / Drive	Expanding	Constricting	Achieving	—
<b>Gut (Conative)</b>	Foundation / Motoric	Arranging	Appreciating	Boosting	Accepting

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The principle of operator independence is vital for psychological health; emotional cycling is the tool used to restore this independence and prevent "emotional fusion," a state where different functional modes become entangled, leading to rigidity and maladaptive behavior.<sup>3</sup> Cycling involves the use of directional movements—either physical or imagined—to stimulate specific emotional functions: Clockwise (CW) for outgoing activation, Counter-Clockwise (CCW) for reflecting activation, and Swinging for balancing activation.<sup>3</sup>

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## 2. Midline Agility: The Stability Corridor of the Human OS

The midline axis of the Core Emotion Framework represents the central corridor of integration and stability, consisting of the Deciding, Achieving, Boosting, and Accepting operators.<sup>4</sup> These operators are activated through "Swinging" (side-to-side) or "Inward Spiraling" motions, which are theoretically linked to dynamic equilibrium and the release of tension.<sup>3</sup> Strengthening this midline is the primary mechanism for replacing emotional rigidity with agility, as it provides a structured pathway for harmonizing competing psychological states.<sup>4</sup>

### 2.1 The Deciding Operator and Cognitive Integration

Deciding is the balancing operator of the Head center, activated through a side-to-side swinging motion.<sup>3</sup> This operator is defined as the process of forming conclusions through the interaction of logic and emotion to achieve a "clarity of choice".<sup>5</sup> The swinging motion facilitates agility by allowing the psyche to oscillate between diverse perspectives, thereby reducing mental ambivalence and resolving cognitive dissonance.<sup>4</sup> From a neurological standpoint, this rhythmic oscillation prepares the brain for commitment to a path, integrating the "raw data" of Sensing with the "analytical models" of Calculating.<sup>1</sup>

## **2.2 Achieving as the Vector of Affective Flow**

In the Heart center, the midline operator is Achieving, which is also activated by a swinging motion.<sup>3</sup> Achieving is the action vector of the affective engine; it is associated with mastery, effortless execution, and the "flow state".<sup>4</sup> By balancing the extremes of Expanding (unbounded growth) and Constricting (protective withdrawal), Achieving allows the individual to maintain a responsive engagement with emotional challenges, ensuring that internal drive is converted into meaningful external results.<sup>1</sup>

## **2.3 Boosting and the Conative Surge**

The Gut center's primary midline operator is Boosting, activated by a vigorous side-to-side swinging motion.<sup>3</sup> Boosting generates the momentum and thrust needed to overcome physical or psychological inertia.<sup>4</sup> It is described as "motivational priming," providing the vital energy required to overcome resistance and move into action.<sup>4</sup> Somatically, Boosting is linked to profound stability and inner presence, acting as the surge protocol that turns institutional or personal inertia into velocity.<sup>5</sup>

## **2.4 Accepting: The Grounding Baseline**

Accepting is unique within the framework, categorized as the tenth operator and the system's "zero point".<sup>1</sup> It is activated by an inward spiraling motion, which signifies a drawing inward, a release of outward tension, and a descent into stillness.<sup>3</sup> This operator facilitates "releasing agility" by allowing the individual to let go of control and surrender to the natural unfolding of events, which is essential for preventing burnout and fostering long-term resilience.<sup>4</sup>

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# **3. Somatic Grounding: Pelvic Floor and Postural**

# Alignment

The Core Emotion Framework posits that internal mental practices are significantly amplified by physical embodiment.<sup>4</sup> Somatic grounding exercises, particularly those targeting the pelvic floor and posture, provide the physical infrastructure required to support the midline operators and mitigate the effects of emotional rigidity.<sup>5</sup>

## 3.1 Pelvic Floor Mechanics and the Gut Center

In the conative (Gut) center, grounding is achieved through the dual activation of Boosting and Accepting.<sup>4</sup> The pelvic floor serves as the anatomical anchor for this center. External somatic research from Bioenergetics highlights the importance of the pelvic floor in emotional regulation; Alexander Lowen's "Basic Orienting Position" (BOP) requires the practitioner to "relax your pelvis—let it fall slightly" and "drop your pelvic floor".<sup>7</sup> This somatic release is directly analogous to the CEF's "Accepting" operator and its inward spiraling motion, which facilitates the "letting go" of control.<sup>3</sup>

Conversely, the "Boosting" operator corresponds to the dynamic engagement of the pelvic and abdominal core. A vigorous swinging motion in the gut region builds energetic reserves and enhances "inner presence," mirroring traditional energy practices like the cultivation of "Qi" or "Prana" through focused lower-torso engagement.<sup>5</sup> Strengthening the pelvic floor through focused cycling allows for a more robust grounding that can absorb and redirect emotional "shocks" that would otherwise cause the system to freeze or fragment.<sup>4</sup>

## 3.2 Posture as the "Means Whereby"

Postural alignment serves as the physical manifestation of the midline axis. The Alexander Technique identifies that "habitual, unconsidered movements" of the anatomical structure result in a "deformation of the torso" and a loss of coordination.<sup>9</sup> The technique emphasizes the "head-neck-spine" relationship as the primary gesture for optimizing the framework of the body.<sup>10</sup>

In the CEF, the "Deciding" operator's activation in the head center is supported by this postural clarity. By using "reasoned processes" to order the movements of the reflection (the body), as Alexander suggested, the individual can bridge the gap between their mental intentions and their physical actions.<sup>9</sup> Maintaining a neutral, aligned posture provides the "stability corridor" necessary for the side-to-side swinging of the midline

operators to be effective without introducing lateralized "noise" or tension.<sup>5</sup>

**Table 2: Somatic Grounding and Midline Operator Integration**

<b>Midline Operator</b>	<b>Center</b>	<b>Motion</b>	<b>Somatic Anchor</b>	<b>Psychological Benefit</b>
<b>Deciding</b>	Head	Swing	Head-Neck-Spine Alignment	Reduced Cognitive Ambivalence
<b>Achieving</b>	Heart	Swing	Chest / Thoracic Mobility	Mastery / State of Flow
<b>Boosting</b>	Gut	Swing	Pelvic Floor Engagement	Vital Energetic Activation
<b>Accepting</b>	Gut	Inward Spiral	Pelvic Floor Relaxation	Surrender / Deep Grounding

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## **4. Lateralization: Outgoing (Right) and Reflecting (Left) Dynamics**

The Core Emotion Framework incorporates a highly structured model of lateralization, where operators are assigned "Outgoing" (Right) or "Reflecting" (Left) roles within each center.<sup>3</sup> This mapping correlates with extensive neuroscientific research regarding hemispheric asymmetry and the specialization of the cerebral hemispheres in emotional recognition and expression.<sup>11</sup>

#### **4.1 Right-Sided (Outgoing) Operators: Sensing, Expanding, Arranging**

The Right side of the emotional architecture is associated with Clockwise (CW) movements and "Outgoing" activation, characterized by expansion, initiative, and outward flow.<sup>3</sup>

- **Sensing (Head):** The raw intake of data and the reading of environmental sensory cues.<sup>1</sup>
- **Expanding (Heart):** The drive for openness, inclusivity, and growth, fostering feelings of compassion and generosity.<sup>1</sup>
- **Arranging (Gut):** The conative drive to organize, prioritize, and structure the external environment.<sup>1</sup>

Neuroscientific studies support the right hemisphere's dominance in "recognizing emotional aspects of information" and the "control of prosody" (the music of speech).<sup>11</sup> The Right Hemisphere Hypothesis (RHH) postulates that the right hemisphere is superior for primary emotions and the perception of non-verbal cues, aligning with the CEF's placement of Sensing and Expanding as right-sided, outgoing operators.<sup>5</sup>

#### **4.2 Left-Sided (Reflecting) Operators: Calculating, Constricting, Appreciating**

The Left side of the architecture is associated with Counter-Clockwise (CCW) movements and "Reflecting" activation, characterized by introspection, refinement, precision, and inward flow.<sup>3</sup>

- **Calculating (Head):** The analytical process of evaluating risks, benefits, and logical sequencing for planning.<sup>1</sup>
- **Constricting (Heart):** The necessary state of focus, protection, and consolidation of energy, ensuring precision and the maintenance of personal limits.<sup>1</sup>
- **Appreciating (Gut):** The conative ability to find value, resonance, and joy in the current state of things.<sup>1</sup>

The Valence Hypothesis (VH) suggests that the left hemisphere is specialized for positive emotions, while the right handles negative ones.<sup>12</sup> However, the CEF's "Emotion-type Hypothesis" (ETH) offers a more nuanced view, suggesting that the left hemisphere modulates "social emotions" and higher-order cognitive regulation.<sup>12</sup> This aligns with the placement of Calculating and Appreciating—functions that require evaluation and value-judgment—on the left side of the framework.<sup>1</sup>

**Table 3: Lateralization of Affective and Cognitive Functions**

Side	Movement	Character	Head (Cognitive)	Heart (Affective)	Gut (Conative)
Right	Clockwise	Outgoing / Expansion	Sensing	Expanding	Arranging
Left	Counter-Clockwise	Reflecting / Precision	Calculating	Constricting	Appreciating

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## 5. Overcoming Rigidity: The Mechanics of 'Constricting' Interference

Emotional rigidity occurs when the system becomes locked in a particular operator's expression, preventing the fluid movement required for agility.<sup>3</sup> The operator of Constricting (Heart/Left/CCW) is a primary source of such rigidity when it is over-active or becomes "fused" with other functions.<sup>5</sup> While Constricting is necessary for precision and detail, its "interference" occurs when it restricts the flow of information and energy across the centers.<sup>5</sup>

## 5.1 The Pathology of Fusion and Interference

Constricting interference is often characterized by a "needing to be right" or an obsessive focus on detail that inhibits the broader drive for connection (Expanding) or action (Achieving).<sup>1</sup> Somatically, this interference manifests as a "blocked up" feeling, where chronic tension in the chest and throat prevents emotional release and vocal expression.<sup>7</sup>

The "Constricting" nature of conventional planning or emotional defense mechanisms reduces the complexity of reality to a "single number" or a binary state, which is the antithesis of agility.<sup>17</sup> In the CEF, this is addressed through the "7-Step Detangling Protocol" and "Center Rebalancing," where the practitioner uses CW (Outgoing) and Swinging (Balancing) motions to neutralize the excessive CCW (Reflecting) pull of the Constricting operator.<sup>2</sup>

## 5.2 Strengthening the Midline to Neutralize Rigidity

By building the midline operators (Deciding, Achieving, Boosting, Accepting), the individual creates a "structural presence" that is resistant to operator distortion.<sup>2</sup> Agility is found in the ability to move from a state of "Constricting" (protection) to "Achieving" (flow) and then to "Accepting" (release).<sup>4</sup>

For example, a person stuck in a "Calculating-Constricting" loop—constantly analyzing risks and setting rigid boundaries—can use the "Heart ↔ Gut" swinging motion (a tertiary cross-center cycling method) to restore "relational grounding".<sup>4</sup> This practice balances the motivation of the heart with the surrender of the gut, effectively "detangling" the fused emotional patterns and allowing for a return to the Accepting baseline.<sup>4</sup>

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# 6. Neuro-Affective and Developmental Foundations

The CEF's emphasis on midline stability and crossing is corroborated by developmental neuroscience, which identifies "midline crossing" as a critical neurological foundation for learning, coordination, and emotional regulation.<sup>18</sup>

## 6.1 Midline Crossing and Hemispheric Integration

Crossing the body's midline—using one hand, foot, or eye on the opposite side of the

body—is not just a motor skill; it strengthens the neural connection between the brain's hemispheres via the corpus callosum.<sup>18</sup> Difficulty in crossing the midline is often linked to "retained primitive reflexes," such as the Asymmetrical Tonic Neck Reflex (ATNR), which can cause sitting still to be difficult and hinder reading fluency and handwriting.<sup>18</sup>

In the context of the CEF, "midline crossing" is somatically practiced during the "Swinging" activations of the Deciding, Achieving, and Boosting operators. These motions require a degree of trunk rotation and stability that mimics the developmental milestones of rolling and crawling.<sup>18</sup> Strengthening this ability fosters "bilateral integration," allowing the "whole brain" to function as a team; for instance, using the left brain (language/logic) to express right-brain feelings (emotions) rather than letting those emotions remain unformulated and reactive.<sup>19</sup>

## **6.2 The Autonomic Nervous System and Postural Control**

Research demonstrates a strong link between emotional state and the activity of the Autonomic Nervous System (ANS) in postural control.<sup>20</sup> Emotional states such as anxiety or "postural threat" (fear of falling) change the velocity and amplitude of "postural sway".<sup>20</sup> This highlights the importance of grounding; when an individual is grounded—physically through the pelvic floor and lower limbs, and emotionally through the Gut center—the limbic system's influence on the ANS/Somatic NS control networks is stabilized.<sup>20</sup>

Polyvagal Theory, as developed by Stephen Porges, further elaborates on this by identifying a "social engagement system" regulated by the vagal pathway, which includes the muscles of the face and head.<sup>21</sup> The CEF's "Head Center" operators (Sensing, Calculating, Deciding) and the "Heart Center" operators (Expanding, Constricting, Achieving) can be seen as the structural tools used to modulate this system. For instance, the "Safe and Sound Protocol" (SSP) uses auditory input to downregulate defensiveness—a direct intervention against "Constricting" interference—facilitating the neural detection of safety and openness.<sup>21</sup>

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## **7. The Hierarchy of Emotional Cycling Protocols (v1.1)**

The formalization of the Cycling v1.1 protocol establishes a hierarchy of methods for activating the operators, progressing from foundational center-level work to advanced cross-center integration.<sup>3</sup>

## 7.1 Primary Cycling: Center-Level Activation

The canonical and most important method is performed on one center at a time. It uses three directional motions to awaken the operators and restore their independence.<sup>3</sup>

- **Clockwise (CW):** Activates the Outgoing operator (Sensing, Expanding, Arranging).
- **Counter-Clockwise (CCW):** Activates the Reflecting operator (Calculating, Constricting, Appreciating).
- **Swinging (Side-to-Side):** Activates the Balancing operator (Deciding, Achieving, Boosting).
- **Inward Spiraling (Gut only):** Activates the baseline operator (Accepting).

## 7.2 Secondary Cycling: Operator-Level Activation

Once center-level stability is achieved, users may cycle individual operators directly.<sup>3</sup> This advanced technique involves taking a single operator (e.g., Sensing) and cycling *it* through CW, CCW, and Swing motions to further refine emotional precision and detangle deep-seated patterns.<sup>3</sup>

## 7.3 Tertiary Cycling: Cross-Center Flows

Tertiary cycling involves directional flows across the three centers, exploring how one hub influences another.<sup>3</sup> These experimental methods are used for rational integration and empowerment.

- **Head → Heart → Gut (CW):** Rational integration of logic, drive, and action.<sup>3</sup>
- **Gut → Heart → Head (CCW):** Empowerment and clarity, restoring agency through grounding.<sup>3</sup>
- **Heart ↔ Gut (Swing):** Relational grounding and the balance of motivation and surrender.<sup>4</sup>

**Table 4: The Hierarchy of Emotional Cycling Protocols**

Level	Method	Purpose	Status

<b>Primary</b>	Center-Level (CW, CCW, Swing)	Awaken centers, restore independence	Canonical / Required
<b>Secondary</b>	Operator-Level (Cycling a single operator)	Refine precision, detangle patterns	Advanced / Experimental
<b>Tertiary</b>	Cross-Center (Flows across hubs)	System integration, emotional choreography	Advanced / Research

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## 8. Clinical and Developmental Applications

The application of CEF Cycling and grounding protocols has broad implications for personal development, clinical practice, and affective research.<sup>3</sup> By treating emotions as "movements" or "powers" that modulate cognitive and somatic systems, the CEF offers a practical toolkit for self-regulation.<sup>2</sup>

### 8.1 Personal Development and Emotional Flexibility

The primary purpose of cycling is to increase emotional flexibility and prepare the psyche for advanced integration.<sup>3</sup> Users report improved clarity, motivation, and relational balance through the regular practice of these internal and physical movements.<sup>3</sup> The use of "physical amplification"—such as turning a physical wheel—is hypothesized to provide a deeper mind-body connection than purely internal visualization.<sup>4</sup>

## 8.2 Clinical Utility: Detangling and Regulation

In a clinical context, the CEF is used to "detangle" fused emotional patterns, such as the "GoodPerson Anxiety Pattern" (GPAP), by systematically activating underused emotional functions.<sup>2</sup> Grounding exercises that "drop the pelvic floor" and "let go" are vital for patients suffering from trauma-related disembodiment or hyperarousal.<sup>7</sup> The use of "Lie Downs"—a recuperative practice from the Alexander Technique—allows for the integration of mind and body by "releasing unnecessary tension" and "calming the nervous system," mirroring the CEF's goal of returning to the Accepting baseline.<sup>5</sup>

## 8.3 Future Frontiers: Device Integration and Synthetic Affect

The technical specifications of the CEF are designed to bridge the gap between human affect and synthetic emotion architecture for AI.<sup>2</sup> The "CTCM" (Cycling Training & Calibration Machine) and "INAS" (Integrated Neuro-Affective Synchronizer) are proposed devices that would use specialized emotional stations to automate the activation mapping and measure operator independence through biofeedback and HRV.<sup>3</sup>

The goal of this research is to develop an "emotional flexibility scoring" system, where individual and institutional OS can be audited for "operator distortion" and "structural presence".<sup>2</sup> By viewing the UN or other multilateral organizations as "complex human-institutional OS," the CEF can identify where "operator silencing" (such as the Security Council's "Deciding" deadlock) prevents the system from functioning effectively.<sup>6</sup>

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# 9. Conclusion: The Path to Structural Mastery

The Core Emotion Framework offers a rigorous, somatic-grounded approach to emotional mastery. By understanding the psyche as a series of functional operators, individuals can move from "driving a car without a dashboard" to a state of precise internal governance.<sup>1</sup> Grounding exercises that strengthen the pelvic floor and postural alignment are not merely auxiliary; they are the physical bedrock upon which the midline axis—the stability corridor of Deciding, Achieving, Boosting, and Accepting—is built.<sup>4</sup>

Replacing the rigid interference of the Constricting operator with the fluid agility of the midline requires a systematic commitment to Emotional Cycling. Through the activation

of lateralized outgoing and reflecting operators, and the consistent return to the Accepting baseline, the individual cultivates a "Structural-Constructivist" presence that is resilient, decisive, and grounded.<sup>1</sup> This synthesis of ancient somatic wisdom and modern neuro-affective science provides a comprehensive roadmap for optimizing the human experience in an increasingly complex world.

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## References

1. The Mechanics of Being: A Field Guide to the Core Emotion Framework (CEF) | by Xǔ Chénglǎn | Apr, 2026 | Medium, accessed May 6, 2026, <https://medium.com/@xuchenglan/the-mechanics-of-being-a-field-guide-to-the-core-emotion-framework-cef-c3af3c88be55>
2. Jamel Bulgaria (Independent Researcher) - PhilPeople, accessed May 6, 2026, <https://philpeople.org/profiles/jamel-bulgaria>
3. Bulgaria, J. (2026). *CYCLING v1.1 — OFFICIAL EMOTIONAL CYCLING PROTOCOL* [Bundle 4. Data set]. Zenodo. <https://doi.org/10.5281/zenodo.18379695>
4. Emotional Cycling - Core Emotion Framework, accessed May 6, 2026, <https://www.coreemotionframework.com/Emotional-Cycling/>
5. Cycling - OptimizeYourCapabilities.pro, accessed May 6, 2026, <https://www.optimizeyourcapabilities.pro/Cycling/>
6. The Structural-Constructivist Resolution of Multilateral Governance | by Xǔ Chénglǎn | Apr, 2026 | Medium, accessed May 6, 2026, <https://medium.com/@xuchenglan/the-structural-constructivist-resolution-of-multilateral-governance-217ed05783e1>
7. Bioenergetics - Conflict Resolution Network, accessed May 6, 2026, <https://www.crnhq.org/files/CR%2012%20Skills/PDF/S%20V.%20Bioenergetics%202nd%20Ed.pdf>
8. Bioenergetic Analysis - Psychosozial-Verlag, accessed May 6, 2026, [https://psychosozial-verlag.de/resources/openaccess\\_pdf/7257.pdf](https://psychosozial-verlag.de/resources/openaccess_pdf/7257.pdf)
9. Model-based reasoning in the Alexander technique, accessed May 6, 2026, <https://www.initial-alexandertechnique.org/2019/02/353/>
10. Global Alexander Technique Conference Spring 2025 - Balance Arts Center, accessed May 6, 2026, <https://www.balanceartscenter.com/virtual-conference-spring25>
11. Hemispheric Lateralization of Functions Related to Emotion - Zenodo, accessed May 6, 2026, <https://zenodo.org/records/1258449/files/article.pdf>
12. Differential Hemispheric Lateralization of Emotions and Related Display Behaviors: Emotion-Type Hypothesis - PMC, accessed May 6, 2026, <https://pmc.ncbi.nlm.nih.gov/articles/PMC8393469/>

13. The Neuropsychology of Emotion and Emotion Regulation: The Role of Laterality and Hierarchy - PMC, accessed May 6, 2026, <https://pmc.ncbi.nlm.nih.gov/articles/PMC8392558/>
14. pinker-how-the-mind-works.pdf - BU Blogs, accessed May 6, 2026, <https://blogs.bu.edu/hbu/files/2011/09/pinker-how-the-mind-works.pdf>
15. Emotional communication - Philadelphia School of Psychoanalysis, accessed May 6, 2026, <https://psptraining.com/wp-content/uploads/Geltner-P.-2013.Emotional-communication.pdf>
16. View of Body Resonance and the Voice | Bioenergetic Analysis, accessed May 6, 2026, <https://bioenergetic-analysis.com/article/view/0743-4804-2016-26-137/html>
17. 12. Steve Morlidge.pdf - National Academic OER & Digital Library of Ethiopia, accessed May 6, 2026, <http://ndl.ethernet.edu.et/bitstream/123456789/28988/1/12.%20Steve%20Morlidge.pdf>
18. Retained Reflexes & Midline Crossing: Why It Matters for Your Child's Development, accessed May 6, 2026, <https://www.neurohealthwellness.com.au/post/retained-reflexes-midline-crossing-child-development>
19. Everything You Need to Know About Crossing Midline - - The OT Butterfly, accessed May 6, 2026, <https://theotbutterfly.com/everything-about-crossing-midline/developmental-motor-skills-and-activities/>
20. Emotional state as a modulator of autonomic and somatic nervous system activity in postural control: a review - Frontiers, accessed May 6, 2026, <https://www.frontiersin.org/journals/neurology/articles/10.3389/fneur.2023.1188799/full>
21. A Polyvagal Approach for Connection, Change, and Healing - dokumen.pub, accessed May 6, 2026, <https://dokumen.pub/download/safe-and-sound-a-polyvagal-approach-for-connection-change-and-healing.html>
22. How Do We Move Forward With Trauma-Informed Care? - PMC, accessed May 6, 2026, <https://pmc.ncbi.nlm.nih.gov/articles/PMC9760779/>
23. The Complete Jamel Bulgaria Academic Archive, accessed May 6, 2026, <https://www.optimizeyourcapabilities.com/Publications/>