

DEVELOPMENTAL MAPPING ENGINE

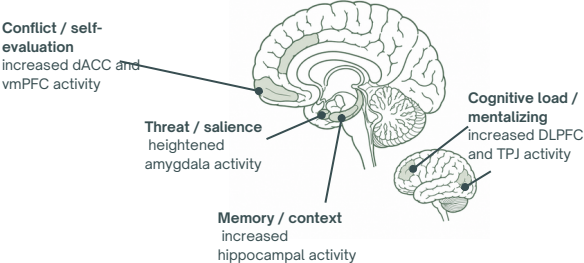
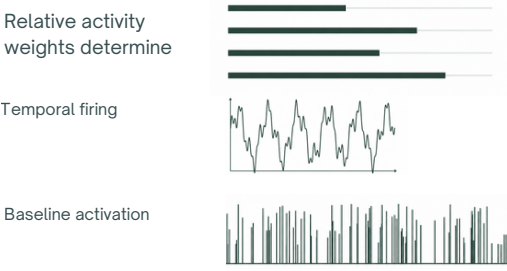
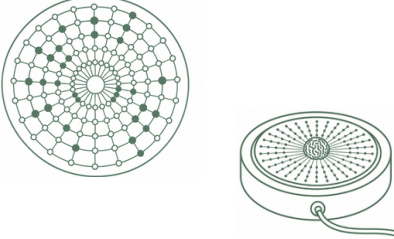
How developmental psychology is transferred into neural encoding

1 DEVELOPMENTAL STAGES

 INFANT 0–1 year Developmental state Requires constant regulation; cannot self-soothe and has no stable sense of time or self. Parental load Provide total care and protection without overstimulation or reinforcing unnecessary dependence.	 TODDLER 1–3 years Developmental state Experiences intense emotions, has limited impulse control and seeks independence without having the skills to manage it. Parental load Set clear limits and teach self-control while allowing safe exploration.	 PRE-SCHOOL 3–5 years Developmental state Has a vivid imagination, limited ability to separate fantasy from reality and a continuing need for guidance. Parental load Encourage creativity and independence while teaching reality, responsibility and values.	 SCHOOL 6–12 years Developmental state Wants to belong and succeed, but becomes increasingly vulnerable to comparison and self-doubt. Parental load Support achievement and social development without creating pressure or perfectionism.	 ADOLESCENT 13–18 years Developmental state Experiences identity uncertainty, risk-taking and emotional instability while seeking autonomy. Parental load Grant increasing independence while remaining connected, available, and supportive.
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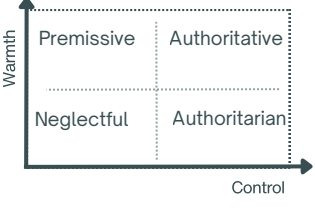
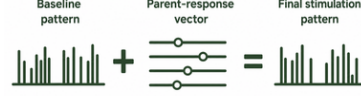
2 ADOLESCENT SCENARIO - CAUGHT IN A LIE

Stage specific activation of the proxy before parental intervention

2.1 CASE The parent discovers that the adolescent lied about where they were. Child  Emotions of child: Fear, Shame, defensiveness, threat	2.2 SCENARIO MAPPING V2-TRIBE The emotional and cognitive state is translated into expected activity across four functional systems: 	2.3 SCENARIO ENCODING The estimated regional activity is converted into a computational neural profile. 	2.4 BASELINE DELIVERY The resulting baseline stimulation pattern is delivered to the living proxy through the MEA before the parent intervenes. 
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3 PARENT RESPONSE ENCODING

Parent intervention modifies the proxy's baseline activation. The selected action and its multimodal delivery are encoded into a continuous response profile

3.1 SELECTED RESPONSE Chose action  Withdraw - leave the interaction  Confront - challenge the adolescent about the lie  Reassure - respond with comfort and emotional support  Relief + boundary - express relief that he is safe, then address the lie	3.2 MULTIMODAL DELIVERY The response is further shaped by:  speech, wording and tone  facial expression and gaze  touch and physical proximity  timing, interruption and repair	3.3 V2-TRIBE RESPONSE VECTOR Action and delivery are integrated into five continuous dimensions: Warmth  Control  Intensity  Consistency  Repair 	3.4 RESPONSE INTERPRETATION Baumrind classification provide interpretation of the response 	3.5 MODULATION & DELIVERY response vector modulates baseline pattern and produce further stimulation warmth → recovery control → structure intensity → burst density repair timing → transition speed 
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