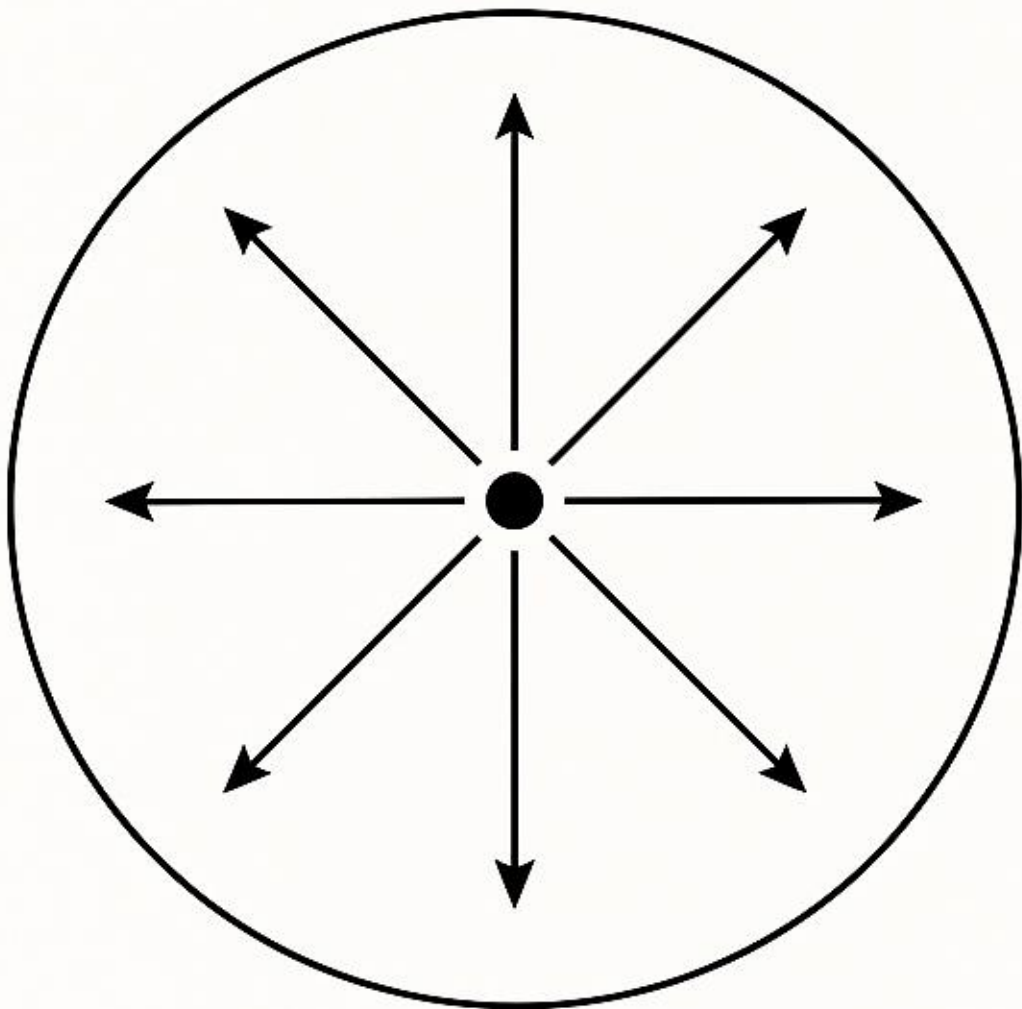


Phase Loop Dynamics

A Syntax of Drift, Repair, and Resonance

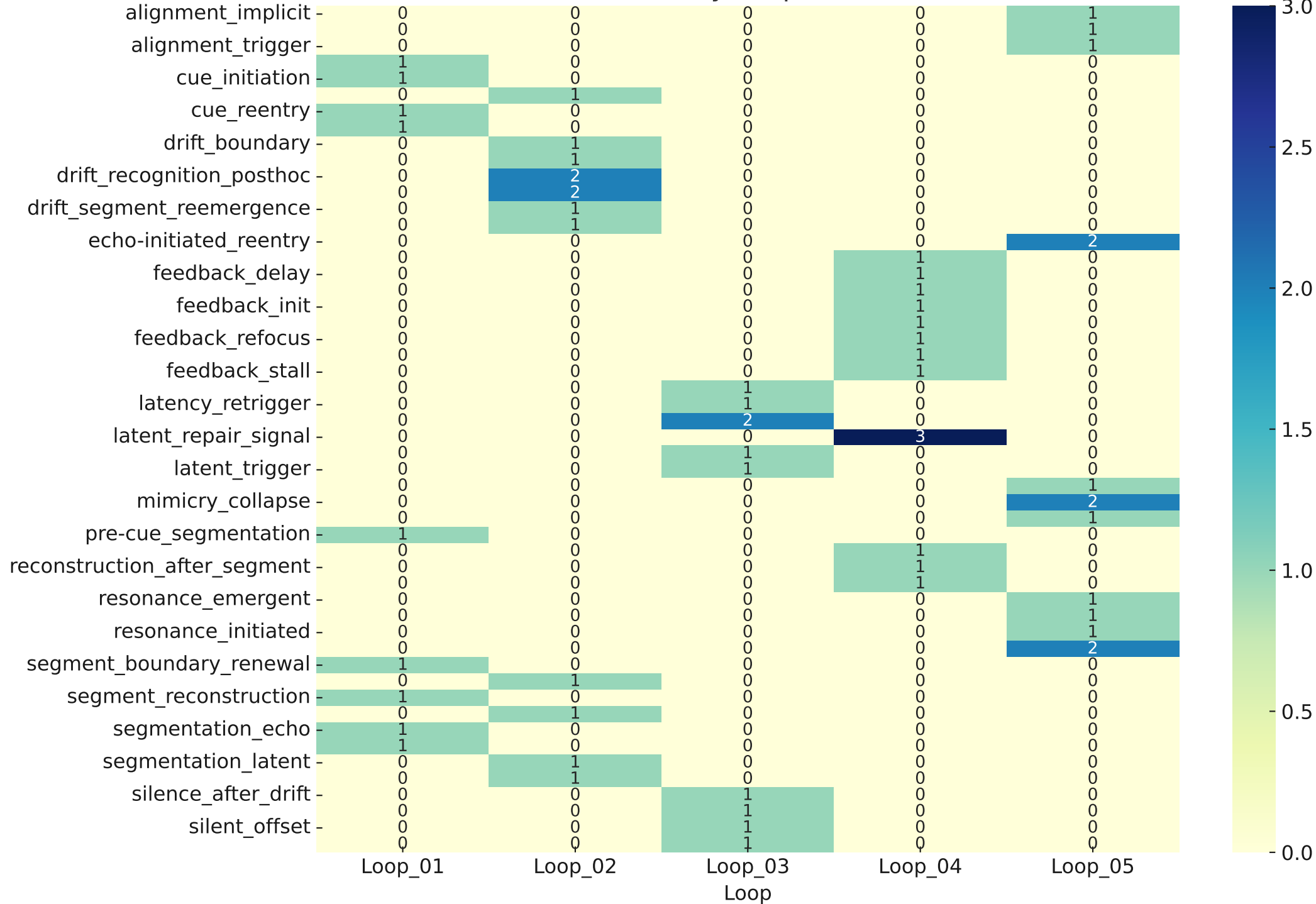
Sasano, Kiyoshi



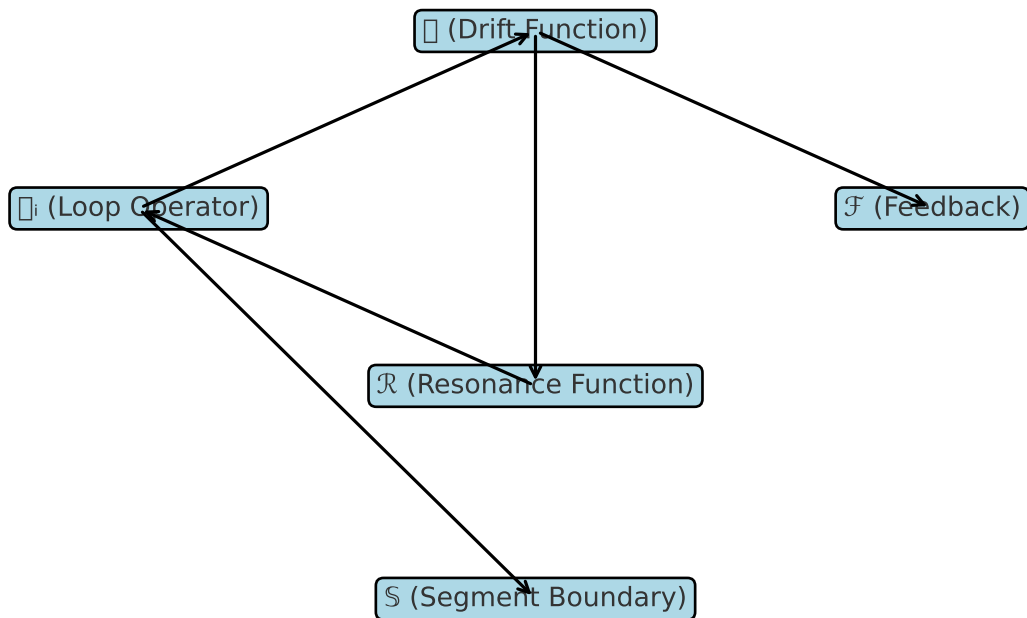
Field Alignment Mapping Diagram

2025

Phase Status by Loop (U001-U060)



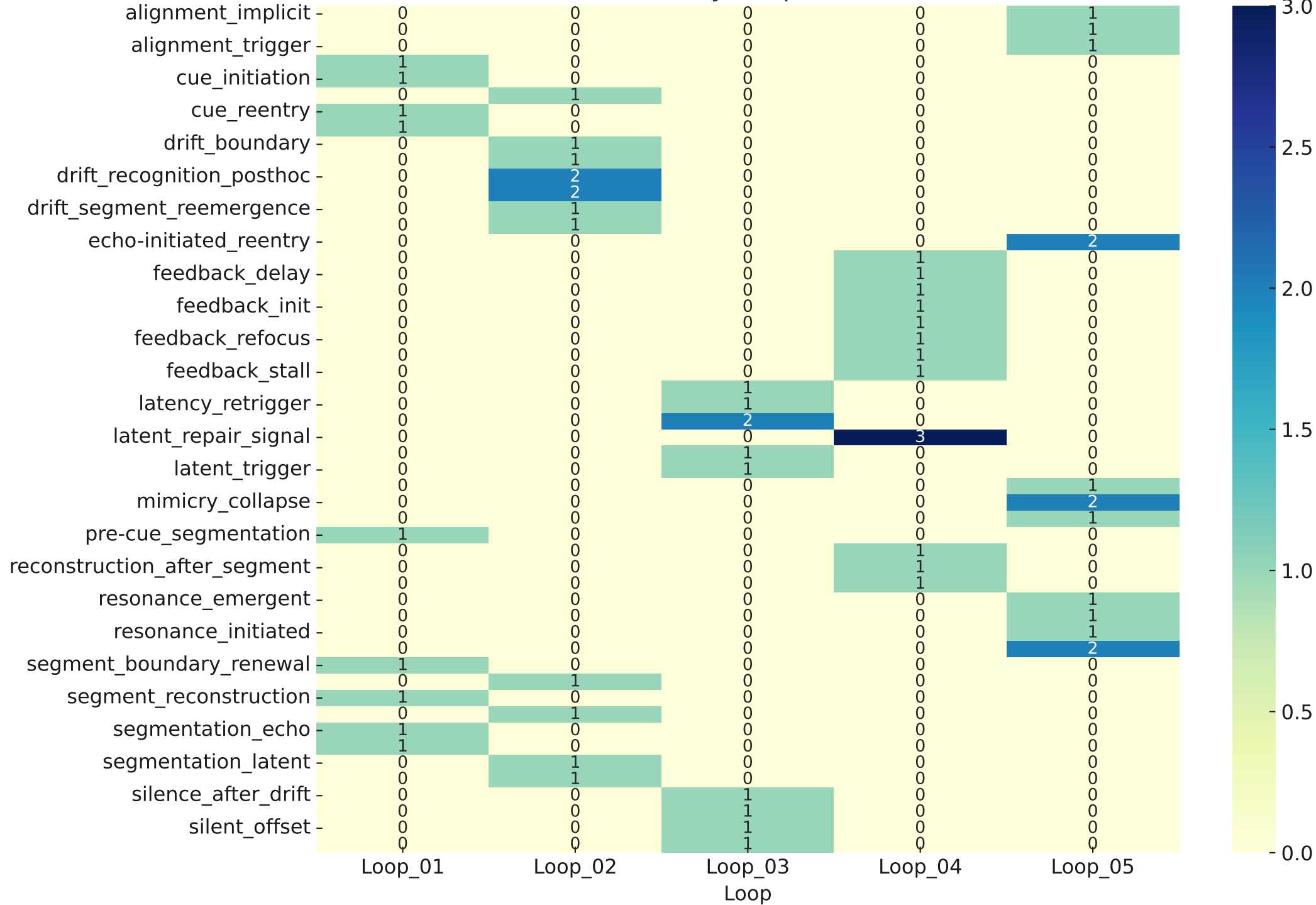
Mathematical Mapping of PLD Operations



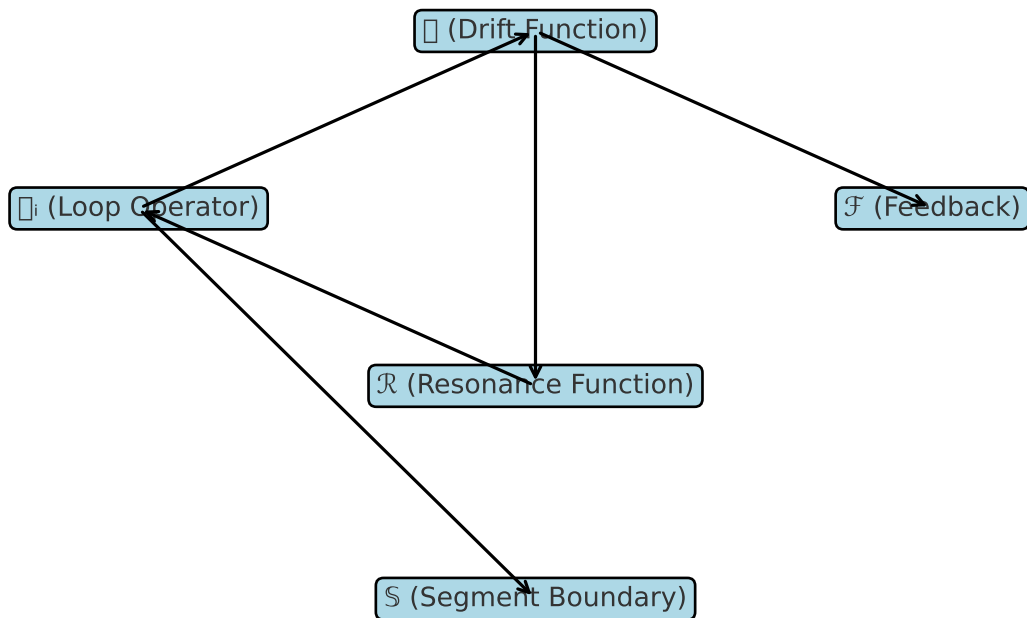
Field	Parallel Concepts	PLD Equivalent Term
Psycholinguistics	Structural priming, latency, repair cues	Resonance, Latent Phase
Cognitive Linguistics	Mental spaces, attentional scope	Field, Drift
Conversation Analysis	Turn-taking, dispreferred responses	Cue, Silence, Repair Loop
HCI / Interaction Design	Prompt layout, turn scaffolding	Affordance Frame, Syntactic Cue
AI Dialogue Systems	Intent recovery, fallback chaining	Loop_02, Repair Trigger
Discourse Modeling	Topic drift, reference anchoring	Segment, Drift Chain

Loop ID	Function	Trigger	Primary Role
Loop_01	Segmentation	Cue onset	Marks boundaries of syntactic/prosodic units
Loop_02	Drift	Instability accumulation	Encodes divergence and structural uncertainty
Loop_03	Latent Phase Surfacing	Silent buildup	Emerges pre-expressed structure
Loop_04	Repair	Cue-triggered recall	Attempts restoration of equilibrium
Loop_05	Resonance	Echo or mimicry	Reactivation of prior structure
Loop_06	Loop Reconfiguration	Meta-drift or failure	Resets or reorganizes phase structure

Phase Status by Loop (U001-U060)



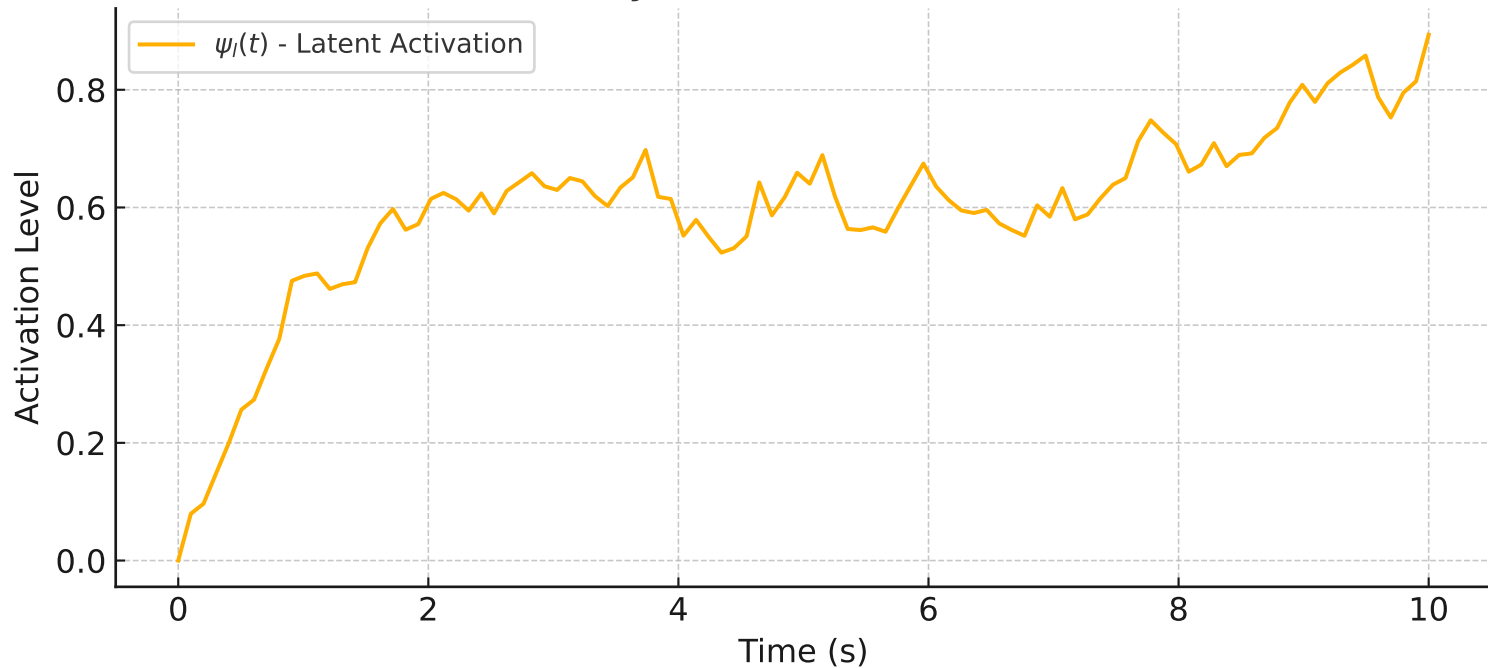
Mathematical Mapping of PLD Operations



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Latency Activation Simulation



Loop Architecture Overview

