

Safe Operating Area (Coherent)
Data Integrity: Guaranteed

Sync Loss Region
Data Integrity: Corrupted

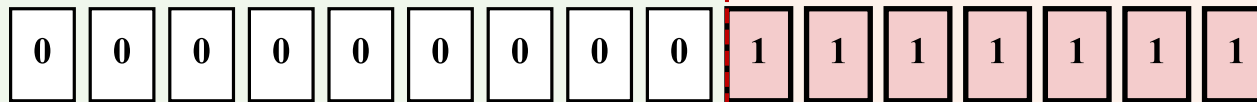
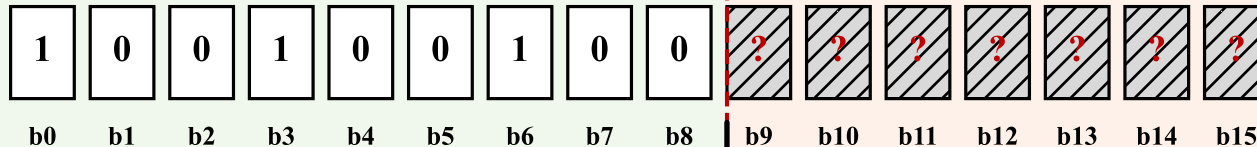
Sync Loss Point
(Error > Threshold)

Decoding Threshold
($0.5 * T_{bit}$)

Physical Layer:
Cumulative
Phase Error (Δt)

Data Layer:
Received
Bit Stream

Logic Layer:
Generated
Noise Mask



Mask = 0
(Keep Original Data)

Mask = 1
(Force Bit Error)

Coherence Limit
(Max Safe Bits)