Logical Bianchi identity (v2). On the directed phase complex with cells for states (,,,VAC) and oriented edges, define a discrete exterior derivative d_L with $d_L^2 = 0$. Let G be the curvature-like 2-form (phase tensor aggregate) and J the induced contradiction current. We enforce $d_L G = 0$ and $d_L J = 0$—"the boundary of a boundary is zero." Operationally, we report a residual

$$\epsilon_B = \big|\, \#\text{enter}() - \#\text{exit}() \,\big|$$

as `bianchi_residual`; small ϵ_B is a health criterion.

Attribution. The explicit conservation reading and residual construction build on an external contribution ("Revisiting Logical Bianchi Identity"), duly credited. The conjugate-quantities identity and LEE's original Bianchi analogy remain the author's prior work.