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## Appendix A – Permanently Locked Parameters and Relations

(Version locked 27 November 2025 – any modification constitutes forgery)

Symbol	Physical Meaning	Locked Value / Relation	
$f_0$	Reference event rate (Earth surface)	1 (definition)	–
$\rho_{\text{Planck}}$	Planck saturation density of black hole surface	$4.63 \times 10^{17} \text{ kg m}^{-3}$	Quantum
$\xi$	Fiber-surface coupling constant		0.94 M87 &
$\gamma$	Fiber sensitivity exponent	$1.62 \pm 0.04$	JWST h calibrat
$R_{\text{influence}}$	Maximum gravitational influence radius	$3 \times 10^8 - 4.7 \times 10^8$ light-years ( $M \geq 10^{10} M_\odot$ )	Phoenix
$I_{\text{pole}}$	Polar plasma jet current	$10^{18} - 10^{20} \text{ A}$	M87 po
$B_{\text{pole}}$	Polar magnetic field strength	$10^8 - 10^{12} \text{ G}$	Same as
$v_{\text{phase}}$	Fiber phase velocity (oldest objects)	$60 - 300 \text{ c}$	Future I
$\tau$	Exponential feeding timescale	$42 \pm 3 \text{ Myr}$	TON 61
$n$	Hegemony scaling exponent	$3.18 \pm 0.11$	Six inde
$R_{\text{surface}}$	Hard surface radius	$1.0091 \pm 0.0012 R_s$	EHT 20
$\eta_{\text{collision}}$	Terminal collision mass-to-baryon conversion	$31 \pm 4 \%$	CMB +

t_true(min)	Minimum true cosmic age this cycle	$\geq 10^{12}$ years	Chapter
N_cycle	Minimum completed cosmic cycles	$\geq 10$	Same as

## Declaration

The above 14 rows constitute the entire parameter set of Energy Texture Cosmology. There are no hidden constants, no fine-tuning, and no future adjustments permitted. All predictions in this manuscript are derived from these values alone.

Locked and signed:  
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 27 November 2025

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