1	θ	Perturbation to photon distribution
2	θ_ℓ	Legendre moment of photon Perturbation
3	θ_r	Perturbation to radiation
4	Λ	Cosmological constant
5	μ	Cosine of the angle between k and p
6	ξ	Generators of coordinate transformations
7	ρ_b	Baryon energy density
8	ρ_{cr}	Critical energy density
9	ρ_{de}	Dark energy density
10	ρ_{dm}	Dark matter energy density
11	ρ_m	Matter energy density
12	ρ_γ	Energy density of photons
13	ρ_ν	Energy density of neutrinos
14	ρ_r	Energy density of all radiation
15	σ_T	Thomson cross-section
16	$\tau(\eta)$	Optical depth of photons back to conformal time η
17	$\dot{\tau}$	Scattering rate
18	Φ	Scalar perturbation to metric
19	Φ_p	Primordial value of Φ set during inflation
20	$\phi^{(0)}$	Zero-order value of the field driving inflation
21	Ψ	Scalar perturbation to metric
22	Ω_i	Energy density in ith species over ρ_{cr}
23	Ω_k	Ratio of curvature density to critical density
24	a	Scale factor of the universe
25	a_*	Scale factor at recombination
26	a_{eq}	Scale factor at matter-radiation equality
27	a_{late}	Scale factor after which perturbations evolve as D_1
28	C_l^{matter}	Angular power spectrum for matter
29	c_s	Sound speed
30	D_1	Growth function
31	d_A	Angular diameter distance
32	d_L	Luminosity distance
33	f	Distribution function, often referring to photons
34	$f^{(0)}$	Zero-order distribution function of photons
35	$g(\eta)$	Visibility function
36	$g_{\mu\nu}$	Metric
37	g_i	Number of spin states of species i

38	G	Newton's constant
39	$\mathrm{G}\mu\nu$	Einstein tensor
40	h	Parameter for Hubble constant
41	H	3D matrix describing tensor perturbations
42	H	hubble rate of expansion
43	H_0	hubble rate today
44	k	Wavenumber
45	$k_i = k^i$	Wavevector
46	k_{eq}	Wavenumber crossing horizon at a_{eq}
47	k_{p}	Location of acoustic peaks
48	M	Particle physics amplitude for a process
49	m_e	Electron mass
50	m_{Pl}	Planck mass
51	P_l	Legendre polynomial of order l
52	P	Pressure
53	P^α	4D comoving energy-momentum vector
54	p	Proper momentum
55	$\mathrm{P(k)}$	Power spectrum of matter
56	$\mathrm{P}_\Phi(\mathrm{k})$	Gravitational potential power spectrum
57	$n^i = n_i$	Unit direction vector
58	r_{s}	Sound horizon
59	$\mathrm{R}_{\mu\nu}$	Ricci tensor
60	R	Ricci scalar = $\mathrm{g}^{\mu\nu}\mathrm{R}_{\mu\nu}$
61	R	Baryon-to-photon ratio, $3\rho_b/4\rho_r$
62	$\mathrm{T}_{\mu\nu}$	Stress-energy tensor
63	$\mathrm{v}_{\mathrm{b}}=\mathrm{kv}_{\mathrm{b}}$	Velocity of baryons
64	z	Redshift
65	z_*	Redshift at recombination
66	z_{eq}	Redshift at matter-radiation equality
67	$\Gamma^\mu_{\alpha\beta}$	Christoffel symbol
68	δ_b	Baryon overdensity
69	δ	Dark matter overdensity
70	$\delta(\mathrm{k}-\mathrm{k}')$	Dirac delta function in D dimensions
71	$\delta\phi$	Perturbation to the scalar filed driving inflation
72	$\delta\mathrm{T}_\nu{}^\mu$	Perturbation to energy-momentum tensor
73	δ_{ij}	Kronecker delta = 0(i$\neq$j) or 1(i=j)
74	δ_{H}	Amplitude of primordial pertubations at horizon

75	ϵ	Slow-roll parameter
76	η	Conformal time
77	η_*	Conformal time at recombination
78	η	Conformal time at matter-radiation equality
79	$\eta_{\mu\nu}$	Minkowski metric
80	$H_\nu^{(\;)}$	Hankel functions
81	ISW	Contribution of intergrated Sachs-Wolfe effect
82	j_ℓ	Spherical Bessel function
83	J^μ	Current four-vector
84	k_B	Boltzmann constant
85	K	Curvature constant in Robertson-Walker metric
86	ℓ	Multipole order
87	Mpc	Million parsecs
88	SW	Contribution of Sachs-Wolfe effect
89	t_0	Present age of universe
90	$Y_{\ell m}$	Ordinary spherical harmonics
91	μ	Chemical potential
92	ν	Frequency
93	ρ	Energy density
94	τ	Proper time/Optical depth
95	Ω_K	$-K/a_0^2 H_0^2$
96	Ω_M	Ratio of matter density to critical density
97	Ω_R	Ratio of radiation density to critical density
98	Ω_Λ	Ratio of vacuum density to critical density
99	$\Gamma^\mu_{\nu k}$	Affine connection