

	temp >> 200 MeV -+ free temp << 200 MeV -+ "hadrons" protons/	2 Ages
	12 degeneracy = 2 spm · 2 matter autmetter · 3	
he	drong bind for nectal extor	
Gluons	· 'brue carriers' for acd, spin (bossous	
	polarizations, 8 colons	
Leptons	: 5pm 1/2 fermions, no QCD	
	2 sypin, autiparticles	
N4	extrinos (neutral), basically massless, only 1 polarization	'en
Gauge R	osons: big photons, mediate short-range Week Force	
<u> </u>	on antiparticle	
Photon:	opin/2	
Mays Bos	can: gives mass:), I polarizatran (to elementary particles)	
Inflation?		
Weredil	reliation density come from	
	2D volume	
widely ac	exted rapid inflation.	
	locally flat/smooth & explans correlations on scales In	wyoul casum control
	ce gooming in on i pad shoter than c noity of preexisting strff	
	B.7 Eyr since inflation"	

	density responsible for "inflating" converted into particles quickly thematizing	
Bo	myogenesis	
	Today particles? autiparticles asymmetry in quarks	
	Standard Model predicts symmetry :	
	Need some asymmetry for light nuclei $M_{\mathcal{B}} = \frac{u_{\mathcal{B}} - n_{\mathcal{B}}}{n_{\mathcal{T}}} = 6.1 \cdot 10^{-10}$	
Neut	mo Decorplines Scattering rute > 2 H	
	at temp? MeV, nectrines maintain equilibrium whisible punches	
	Scattering rate: $\int_{e-r}^{r} \int_{e}^{r} \int_{r}^{r} \int_{r}$	
	GF = 1.16.10 5 GeV-2 Gravitational constant but for week force	
	grantatique Constant but for week force	