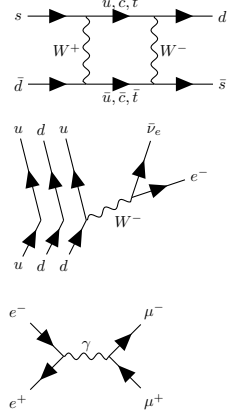


Elementary Particles

Quarks						Gluons		
u_r	c_r	t_r	\bar{u}_r	\bar{c}_r	\bar{t}_r	g_8	g_{3b}	$g_{3\bar{b}}$
d_r	s_r	b_r	\bar{d}_r	\bar{s}_r	\bar{b}_r	g_3	g_{br}	$g_{r\bar{b}}$
u_g	c_g	t_g	\bar{u}_g	\bar{c}_g	\bar{t}_g	Electroweak Bosons		
d_g	s_g	b_g	\bar{d}_g	\bar{s}_g	\bar{b}_g	γ Z^0 W^- W^+		
u_b	c_b	t_b	\bar{u}_b	\bar{c}_b	\bar{t}_b	Higgs		
d_b	s_b	b_b	\bar{d}_b	\bar{s}_b	\bar{b}_b	H^0		
Leptons						Gravitons		
e	μ	τ	\bar{e}	$\bar{\mu}$	$\bar{\tau}$	G^*		
ν_e	ν_μ	ν_τ	$\bar{\nu}_e$	$\bar{\nu}_\mu$	$\bar{\nu}_\tau$			

Periodic Table of Elements

S block																		P block										He
H																		B	C	N	O	F	Ne					
Li	Be																	Al	Si	P	S	Cl	Ar					
D block																												
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr											
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cs	In	Sn	Sb	Te	I	Xe											
Cs	Ba	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn												
Fr	Ra	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og												
F block																												
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu														
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr														



Baryons $J = \frac{3}{2}^+$

Δ^-	Δ^0	Δ^+	Δ^{++}
Σ^-	Σ^0	Σ^+	
Ξ^-	Ξ^0	Ξ^+	
Ω^-			
Σ_c^0	Σ_c^+	Σ_c^{++}	
Ξ_c^0	Ξ_c^+		
Ω_c^0			
Ξ_{cc}^+	Ξ_{cc}^{++}		
Ω_{cc}^+			

Flavorless Mesons

J	E	O	E	O
CP	$-+$	$+-$	$--$	$++$
$u\bar{d}$	π^+	b^+	ρ^+	a^+
$\frac{u\bar{u}+d\bar{d}}{\sqrt{2}}$	π^0	b^0	ρ^0	a^0
$d\bar{u}$	π^-	b^-	ρ^-	a^-
$u\bar{u}, d\bar{d}, s\bar{s}$	η	h	ω	f
$u\bar{u}, d\bar{d}, s\bar{s}$	η'	h'	ϕ	f'
$c\bar{c}$	η_c	h_c	ψ	χ_c
$b\bar{b}$	η_b	h_b	Υ	χ_b
$t\bar{t}$	η_t	h_t	θ	χ_t

Baryons $J = \frac{1}{2}^+$

N^0	N^+	
Σ^-	Σ^0	Σ^+
Ξ^0	Ξ^+	
Σ_c^0	Σ_c^+	Σ_c^{++}
Ξ_c^0	Ξ_c^+	
Ω_c^0		
Ξ_{cc}^+	Ξ_{cc}^{++}	
Ω_{cc}^+		

Flavored Mesons

u	\bar{u}	\bar{d}	\bar{c}	\bar{s}	\bar{t}	\bar{b}
u	$-$	D^0	K^+	T^0	B^+	
d	$-$	D^-	K^0	T^-	B^0	
c	D^0	D^+	$-$	D_s^0	B_s^+	
s	K^-	\bar{K}^0	D_s^-	$-$	T_s^-	B_s^0
t	T^0	T^+	T_c^0	T_s^+	$-$	T_b^+
b	B^-	\bar{B}^0	B_c^-	\bar{B}_s^0	T_b^-	$-$