

HADRONS (strongly interacting particles)

Baryon number = +1 for baryons, -1 for antibaryons, 0 for all others
 S = strangeness, C = charm, B = bottomness

SOME BARYONS (all are fermions: half-integer spin)

Mass (MeV)	Quarks	Common decays	<i>S</i>	<i>C</i>	<i>B</i>	Antiparticle
<i>p</i> (938)	<i>uud</i>	Stable	0	0	0	\bar{p}
<i>n</i> (940)	<i>udd</i>	$pe^- \bar{\nu}_e$	0	0	0	\bar{n}
Λ (1116)	<i>uds</i>	$p\pi^-, n\pi^0$	-1	0	0	$\bar{\Lambda}$
Σ^+ (1189)	<i>uus</i>	$p\pi^0, n\pi^+$	-1	0	0	$\bar{\Sigma}^-$
Σ^0 (1193)	<i>uds</i>	$\Lambda\gamma$	-1	0	0	$\bar{\Sigma}^0$
Σ^- (1197)	<i>dds</i>	$n\pi^-$	-1	0	0	$\bar{\Sigma}^+$
Ξ^0 (1315)	<i>uss</i>	$\Lambda\pi^0$	-2	0	0	$\bar{\Xi}^0$
Ξ^- (1321)	<i>dss</i>	$\Lambda\pi^-$	-2	0	0	$\bar{\Xi}^+$
Ω^- (1672)	<i>sss</i>	$\Lambda K^-, \Xi^0\pi^-$	-3	0	0	$\bar{\Omega}^-$
Λ_c^+ (2285)	<i>udc</i>	Various	0	+1	0	$\bar{\Lambda}_c^-$
Λ_b^+ (5624)	<i>udb</i>	Various	0	0	-1	$\bar{\Lambda}_b^-$

SOME MESONS (all are bosons: integer spin)

Mass (MeV)	Quarks	Common decays	<i>S</i>	<i>C</i>	<i>B</i>	Antiparticle
π^+ (140)	$u\bar{d}$	$\mu^+\nu_\mu$	0	0	0	π^-
π^0 (135)	$u\bar{u}/d\bar{d}$	$\gamma\gamma$	0	0	0	Self
η^0 (547)	$u\bar{u}/d\bar{d}$	$2\gamma, 3\pi^0, \dots$	0	0	0	Self
K^+ (494)	$u\bar{s}$	$\mu^+\nu_\mu, \pi^+\pi^0$	+1	0	0	K^-
K^0 (498)	$d\bar{s}$	$2\pi, 3\pi, \dots$	+1	0	0	\bar{K}^0
D^+ (1869)	$c\bar{d}$	$K^\pm + \dots, K^0 + \dots$	0	+1	0	D^-
D^0 (1865)	$c\bar{u}$	$K^\pm + \dots, K^0 + \dots$	0	+1	0	\bar{D}^0
D_s^+ (1969)	$c\bar{s}$	$K^\pm + \dots, K^0 + \dots$	+1	+1	0	D_s^-
J/ψ (3097)	$c\bar{c}$	Various	0	0	0	Self
B^+ (5279)	$u\bar{b}$	$D^\pm + \dots, D^0 + \dots$	0	0	+1	B^-
B^0 (5279)	$d\bar{b}$	$D^\pm + \dots, D^0 + \dots$	0	0	+1	\bar{B}^0
Υ (9460)	$b\bar{b}$	Various	0	0	0	Self