B-particle organization

Many measurements of B decays involve admixtures of B hadrons. Previously we arbitrarily included such admixtures in the $B^{\pm}$ section, but because of their importance we have created two new sections: "$B^{\pm}/B^0$ Admixture" for $\Upsilon(4S)$ results and "$B^{\pm}/B^0/B_s^0/b$-baryon Admixture" for results at higher energies. Most inclusive decay branching fractions and χ_b at high energy are found in the Admixture sections. B^0-$\overline{B}^0$ mixing data are found in the B^0 section, while B_s^0-$\overline{B}_s^0$ mixing data and B-$\overline{B}$ mixing data for a B^0/B_s^0 admixture are found in the B_s^0 section. CP-violation data are found in the $B^{\pm}$, B^0, and $B^{\pm}$ B^0 Admixture sections. b-baryons are found near the end of the Baryon section. Recently, we also created a new section: "V_{cb} and V_{ub} CKM Matrix Elements."

The organization of the B sections is now as follows, where bullets indicate particle sections and brackets indicate reviews.

[Production and Decay of b-flavored Hadrons]
[A Short Note on HFLAV Activities]
- $B^{\pm}$
    mass, mean life
    branching fractions
    polarization in $B^{\pm}$ decay
    CP violation
- B^0
    mass, mean life
    branching fractions
    [Polarization in B decay]
    polarization in B^0 decay
    [B-$\overline{B}$ Mixing]
    B^0-$\overline{B}^0$ mixing
    CP violation
- $B^{\pm}$ B^0 Admixture
    branching fractions, CP violation
    CP violation
- $B^{\pm}/B^0/B_s^0/b$-baryon Admixture
    mean life
    production fractions
    branching fractions
    χ_b at high energy
    production fractions in hadronic Z decay
- V_{cb} and V_{ub} CKM Matrix Elements
    [Determination of V_{cb} and V_{ub}]

- B^*, $B_1(5721)$, $B_J^*(5732)$, $B_2^*(5747)$, $B_J(5840)$, $B_J(5970)$
    mass, width, branching fracions
- B_s^0
    mass, mean life
    branching fractions
    polarization in B_s^0 decay
    B_s^0-$\overline{B}_s^0$ mixing
- B_s^*, $B_{s1}(5830)^0$, $B_{s2}^*(5840)^0$, $B_{sJ}^*(5850)$, $B_{sJ}(6063)^0$, $B_{sJ}(6114)^0$
    mass, width, branching fractions
- $B_c^{\pm}$
    mass, mean life
    branching fractions
- $B_c(2S)^{\pm}$

mass, branching fractions

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At the end of Baryon Listings:

- Λ_b
    mass, mean life
    branching fractions
- $\Lambda_b(5912)^0$, $\Lambda_b(5920)^0$, $\Lambda_b(6070)^0$, $\Lambda_b(6146)^0$, $\Lambda_b(6152)^0$
    mass, width, branchibg fractions
- Σ_b
    mass, width, branching fractions
- Σ_b^*, $\Sigma_b(6097)^+$, $\Sigma_b(6097)^-$
    mass, width, branching fractions
- Ξ_b^0, Ξ_b^-
    mass, mean life
    branching fractions, P, CP violation
- $\Xi_b'(5935)^-$, $\Xi_b(5945)^0$, $\Xi_b(5955)^-$, $\Xi_b(6100)^-$, $\Xi_b(6227)^-$, $\Xi_b(6227)^0$, $\Xi_b(6327)^0$, $\Xi_b(6333)^0$
    mass, width, branching fractions
- Ω_b^-
    mass, mean life
    branching fractions
- $\Omega_b(6316)^-$, $\Omega_b(6330)^-$, $\Omega_b(6340)^-$, $\Omega_b(6350)^-$
    mass, width, branching fractions
- b-baryon Admixture
    mean life
    branching fractions

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