Patterns of flavour symmetry breaking in hadron matrix elements involving u, d and s quarks

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Using an SU(3) flavour symmetry breaking expansion between the strange and light quark masses, we determine how this constrains the extrapolation of baryon and meson octet matrix elements and form factors. In particular we can construct certain combinations, which fan out from symmetric point (when all the quark masses are degenerate) to the point when the light and strange quarks take their physical values. As an example we consider vector form factors at various momentum.

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