

## Self-consistency and covariance of light-front quark models

We test the self-consistency and covariance of light-front quark model, and study the zero-mode issue via the decay constants of pseudoscalar (P), vector (V) and axial-vector (A) mesons, as well as the  $P \rightarrow (S,P,V,A,T)$  and  $V \rightarrow V$  weak transition form factors. A possible solution to the problems of the traditional covariant light-front quark model is discussed and confirmed numerically.

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