Bethe-Salpeter Study of Heavy-light Pseudoscalar and Vector Meson Masses[1] NICHOLAS SOUCHLAS, Kent State University, PIETER MARIS, University of Pittsburgh, PETER TANDY, Kent State University — A model based on the ladder-rainbow truncation of the Dyson-Schwinger equations of QCD is extended to heavy-light ground state mesons in the charm and bottom quark regions. The approach is fully covariant. Consistent dressing of the light quark propagator is included in the calculations. Results presented will include the B, $B^\star$, D and $D^\star$ mesons.

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