Contribution ID: **652** Type: **Poster Presentation**

No dependence of coupling constants f^F, f^D, f^S in vector-meson-$1/2^+$ octet baryon interaction Lagrangian on the choice of the $\omega - \phi$ mixing configuration.

We demonstrate explicitly that the f^F, f^D, f^S coupling constants in the SU(3) invariant interaction Lagrangian of the vector-mesons with $1/2^+$ octet baryons does not depend on the choice of the $\omega - \phi$ mixing configuration.

Experimental Collaboration

Primary authors: ADAMUSCIN, Cyril (Slovak Academy of Sciences (SK)); BARTOS, Erik (Institute of Physics of the Slovak Academy of Sciences); DUBNICKA, Stanislav (Institute of Physics); Prof. DUBNICKOVA, Anna Zuzana (Dept.of Theor.Physics, Comenius University)

Presenter: ADAMUSCIN, Cyril (Slovak Academy of Sciences (SK))

Session Classification: Poster session

Track Classification: QCD and Hadronic Physics