Abstract Submitted for the NEF14 Meeting of The American Physical Society

Quark model with Fractional electric charge is Wrong AHMAD REZA ESTAKHR, Researcher — Up-Type Quarks are electrically uncharged (0). only Down-type Quarks are electrically charged and have integer electric charge of plus or minus one (+1,-1) $D^{\pm} \rightarrow U^0 + W^{\pm}$. For example Neutron beta decay: $n^0_{(D^+D^-U^0)} \rightarrow p^+_{(D^+U^0U^0)} + W^-$ (only delta baryon is not consisted with my model of quarks with integer electric charge. perhaps quark content of delta baryon is wrong!.)

Ahmad Reza Estakhr Researcher

Date submitted: 19 Sep 2014

Electronic form version 1.4