

Leptoquarks and LFUV in B-decays

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We discuss the single LQ solutions to the problem of accommodating the observed hints of LFUV in B-decays. We then focus on the combination of two scalar leptoquarks R2 and S3 and formulate the model which can describe all of the anomalies. We update the previous results with a particular emphasis on the bounds arising from the high- p_T tail of $pp \rightarrow \tau \nu$. We then consider several new quantities, not covered in our previous studies and point out the ways to verify the validity of our model experimentally.

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