

AXION PREDICTIONS FROM B-PHYSICS ANOMALIES

We consider the implications for the QCD axion from B-anomalies in the framework of the 4321 model. We find interesting correlations between the leptoquark and axion masses that might be tested in a near future by combining accelerator and astrophysical searches. We also show that if the 4321 leptoquark is the origin of the B-physics anomalies Peccei-Quinn symmetry must be broken in a pre-inflationary epoch.