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Reinterpreting the naturalness principle, we address the hierarchy problem, proposing a phenomenologically interesting extension of the SM with a gauge group $SU(3)_L \otimes SU(3)_R \otimes SU(3)_c$, such that all the gauge, Yukawa and quartic couplings can be extrapolated up to infinite energy. We analyze which set of scalar or fermionic particles are needed to accomplish this goal. Finally, we consider the predictions of these models about the recently measured diboson and diphoton anomalies.

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