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On heterotic 6-branes "without vector structure"

Assuming that string theory has dynamical objects carrying all possible charges, there should be 6-branes in heterotic so(32) theory such that the gauge configuration on their radial direction S^2 is "without vector structure", i.e. is not an SO(32) gauge configuration. We discuss some of their curious features. This is a work in progress mainly with Kazuya Yonekura.