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XiaoLin Danny Shi* (dannyshi@math.harvard.edu). *Real Orientations of Lubin–Tate spectra.*

We show that Lubin–Tate spectra at the prime 2 are Real oriented and Real Landweber exact. The proof is by application of the Goerss–Hopkins–Miller theorem to algebras with involution. For each height n , we compute the entire homotopy fixed point spectral sequence for E_n with its C_2 -action given by the formal inverse. We study, as the height varies, the Hurewicz images of the stable homotopy groups of spheres in the homotopy of these C_2 -fixed points. (Received July 08, 2018)