

Abstract

We completely compute the slice spectral sequence of the C_4 -spectrum $BP^{(C_4)}\langle 2 \rangle$. This spectrum provides a model for a height-4 Lubin–Tate theory with a C_4 -action induced from the Goerss–Hopkins–Miller theorem. In particular, our computation shows that $E_4^{hC_{12}}$ is 384-periodic.