

One of the two cobounding maps $X \rightarrow \mathbb{Z}/2\mathbb{Z}$ on the Thue–Morse shift for the morphism $\varphi : \{a, b\}^* \rightarrow \mathbb{Z}/2\mathbb{Z}$, $\varphi(a) = 1$, $\varphi(b) = 0$. The map is constant on cylinders of length 7.