

$$[\mathbb{D}_{2n}^h] \odot [\mathbb{Z}_m \oplus \mathbb{Z}_2^c]$$

m even

m odd

$$[\mathbf{1}], [\mathbb{Z}_d]$$

$\frac{m}{d}$ odd

$\frac{m}{d}$ even

$$\begin{aligned} &[\mathbf{1}], [\mathbb{Z}_d] \\ &[\mathbb{Z}_2^{b_i}], [\mathbb{Z}_2^{b_i-}] \end{aligned}$$

$$\begin{aligned} &[\mathbf{1}], [\mathbb{Z}_{2d}^-] \\ &[\mathbb{Z}_2^{b_i}], [\mathbb{Z}_2^{b_i-}] \end{aligned}$$