

# Starters for IGBTPs

## I. LIST OF $((\mathbb{Z}_m \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-STARTERS

### A $((\mathbb{Z}_{11} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{8_0, 9_1\} & A_2 = \{9_0, 1_1\} & B_1 = \{7_0, 5_0\} \\ B_2 = \{5_1, 10_0\} & B_3 = \{1_0, 0_0\} & B_4 = \{7_1, 3_1\} \\ C_0 = \{0_1, 2_0, 6_1\} & C_1 = \{3_0, 6_0\} & C_2 = \{1_1, \infty_1\} \\ C_3 = \{8_0, \infty_2\} & C_4 = \{8_1, \infty_3\} & C_5 = \{2_1, \infty_4\} \\ C_6 = \{9_0, \infty_5\} & C_7 = \{10_1, \infty_6\} & C_8 = \{4_0, \infty_7\} \\ C_9 = \{4_1, \infty_8\} & C_{10} = \{9_1, \infty_9\} & \end{array}$$

### A $((\mathbb{Z}_{13} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{0_0, 3_1\} & A_2 = \{3_0, 7_1\} & B_1 = \{10_0, 9_1\} \\ B_2 = \{5_1, 0_0\} & B_3 = \{5_0, 1_0\} & B_4 = \{12_0, 4_0\} \\ C_0 = \{6_0, 9_0, 8_0\} & C_1 = \{11_0, 0_1\} & C_2 = \{1_1, 7_0\} \\ C_3 = \{4_1, 10_1\} & C_4 = \{2_0, \infty_1\} & C_5 = \{2_1, \infty_2\} \\ C_6 = \{7_1, \infty_3\} & C_7 = \{3_0, \infty_4\} & C_8 = \{12_1, \infty_5\} \\ C_9 = \{11_1, \infty_6\} & C_{10} = \{8_1, \infty_7\} & C_{11} = \{6_1, \infty_8\} \\ C_{12} = \{3_1, \infty_9\} & & \end{array}$$

### A $((\mathbb{Z}_{15} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{7_1, 2_0\} & A_2 = \{4_0, 10_1\} & B_1 = \{9_0, 8_1\} \\ B_2 = \{6_0, 2_1\} & B_3 = \{3_1, 14_1\} & B_4 = \{6_1, 1_1\} \\ C_0 = \{8_0, 2_0, 1_0\} & C_1 = \{5_0, 12_1\} & C_2 = \{3_0, 0_0\} \\ C_3 = \{9_1, 11_0\} & C_4 = \{0_1, 13_1\} & C_5 = \{11_1, 14_0\} \\ C_6 = \{4_0, \infty_1\} & C_7 = \{7_0, \infty_2\} & C_8 = \{5_1, \infty_3\} \\ C_9 = \{12_0, \infty_4\} & C_{10} = \{13_0, \infty_5\} & C_{11} = \{10_0, \infty_6\} \\ C_{12} = \{7_1, \infty_7\} & C_{13} = \{10_1, \infty_8\} & C_{14} = \{4_1, \infty_9\} \end{array}$$

### A $((\mathbb{Z}_{17} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{7_1, 5_0\} & A_2 = \{10_0, 14_1\} & B_1 = \{10_0, 16_0\} \\ B_2 = \{3_1, 16_1\} & B_3 = \{0_1, 1_0\} & B_4 = \{10_1, 8_1\} \\ C_0 = \{14_1, 15_1, 3_0\} & C_1 = \{8_0, 13_0\} & C_2 = \{6_0, 13_1\} \\ C_3 = \{15_0, 5_0\} & C_4 = \{7_0, 4_0\} & C_5 = \{14_0, 11_1\} \\ C_6 = \{2_0, 11_0\} & C_7 = \{0_0, 9_1\} & C_8 = \{2_1, \infty_1\} \\ C_9 = \{5_1, \infty_2\} & C_{10} = \{9_0, \infty_3\} & C_{11} = \{12_0, \infty_4\} \\ C_{12} = \{4_1, \infty_5\} & C_{13} = \{12_1, \infty_6\} & C_{14} = \{1_1, \infty_7\} \\ C_{15} = \{6_1, \infty_8\} & C_{16} = \{7_1, \infty_9\} & \end{array}$$

### A $((\mathbb{Z}_{19} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{3_1, 16_0\} & A_2 = \{11_1, 10_0\} & B_1 = \{0_0, 13_0\} \\ B_2 = \{3_0, 6_0\} & B_3 = \{9_1, 10_1\} & B_4 = \{12_0, 7_0\} \\ C_0 = \{1_1, 10_0, 13_1\} & C_1 = \{9_0, 17_0\} & C_2 = \{4_0, 11_1\} \\ C_3 = \{15_1, 6_1\} & C_4 = \{0_1, 15_0\} & C_5 = \{3_1, 7_1\} \\ C_6 = \{2_0, 4_1\} & C_7 = \{11_0, 16_1\} & C_8 = \{1_0, 12_1\} \\ C_9 = \{14_0, 16_0\} & C_{10} = \{5_0, \infty_1\} & C_{11} = \{17_1, \infty_2\} \\ C_{12} = \{18_0, \infty_3\} & C_{13} = \{8_0, \infty_4\} & C_{14} = \{8_1, \infty_5\} \\ C_{15} = \{14_1, \infty_6\} & C_{16} = \{2_1, \infty_7\} & C_{17} = \{5_1, \infty_8\} \\ C_{18} = \{18_1, \infty_9\} & & \end{array}$$

### A $((\mathbb{Z}_{21} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{4_1, 10_0\} & A_2 = \{15_0, 6_1\} & B_1 = \{13_1, 1_1\} \\ B_2 = \{16_1, 11_0\} & B_3 = \{9_1, 10_1\} & B_4 = \{10_0, 8_0\} \\ C_0 = \{0_0, 4_1, 6_0\} & C_1 = \{15_0, 20_0\} & C_2 = \{11_1, 4_0\} \\ C_3 = \{20_1, 17_0\} & C_4 = \{14_1, 13_0\} & C_5 = \{6_1, 2_1\} \\ C_6 = \{9_0, 17_1\} & C_7 = \{3_1, 14_0\} & C_8 = \{7_1, 0_1\} \\ C_9 = \{3_0, 16_0\} & C_{10} = \{2_0, 5_0\} & C_{11} = \{1_0, 12_0\} \\ C_{12} = \{7_0, \infty_1\} & C_{13} = \{15_1, \infty_2\} & C_{14} = \{19_0, \infty_3\} \\ C_{15} = \{12_1, \infty_4\} & C_{16} = \{19_1, \infty_5\} & C_{17} = \{8_1, \infty_6\} \\ C_{18} = \{5_1, \infty_7\} & C_{19} = \{18_0, \infty_8\} & C_{20} = \{18_1, \infty_9\} \end{array}$$

### A $((\mathbb{Z}_{23} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{22_0, 5_1\} & A_2 = \{9_0, 2_1\} & B_1 = \{8_1, 19_1\} \\ B_2 = \{18_1, 17_0\} & B_3 = \{6_0, 8_0\} & B_4 = \{10_0, 19_0\} \\ C_0 = \{10_1, 0_0, 2_1\} & C_1 = \{14_1, 7_1\} & C_2 = \{14_0, 18_0\} \\ C_3 = \{6_1, 2_0\} & C_4 = \{0_1, 13_1\} & C_5 = \{22_0, 17_1\} \\ C_6 = \{16_0, 21_0\} & C_7 = \{22_1, 21_1\} & C_8 = \{11_0, 5_0\} \\ C_9 = \{7_0, 16_1\} & C_{10} = \{4_0, 15_1\} & C_{11} = \{12_0, 9_0\} \\ C_{12} = \{5_1, 20_0\} & C_{13} = \{1_0, 4_1\} & C_{14} = \{9_1, \infty_1\} \\ C_{15} = \{12_1, \infty_2\} & C_{16} = \{20_1, \infty_3\} & C_{17} = \{1_1, \infty_4\} \\ C_{18} = \{13_0, \infty_5\} & C_{19} = \{15_0, \infty_6\} & C_{20} = \{3_0, \infty_7\} \\ C_{21} = \{11_1, \infty_8\} & C_{22} = \{3_1, \infty_9\} & \end{array}$$

### A $((\mathbb{Z}_{25} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{23_1, 0_0\} & A_2 = \{13_1, 23_0\} & B_1 = \{17_1, 4_0\} \\ B_2 = \{11_0, 16_0\} & B_3 = \{0_1, 9_1\} & B_4 = \{0_0, 21_0\} \\ C_0 = \{20_0, 1_0, 9_0\} & C_1 = \{5_0, 8_0\} & C_2 = \{23_0, 4_1\} \\ C_3 = \{18_1, 6_1\} & C_4 = \{18_0, 1_1\} & C_5 = \{12_0, 23_1\} \\ C_6 = \{16_1, 17_0\} & C_7 = \{12_1, 11_1\} & C_8 = \{2_0, 24_1\} \\ C_9 = \{3_0, 21_1\} & C_{10} = \{15_0, 13_0\} & C_{11} = \{22_0, 7_0\} \\ C_{12} = \{20_1, 13_1\} & C_{13} = \{10_0, 15_1\} & C_{14} = \{2_1, 6_0\} \\ C_{15} = \{5_1, 14_0\} & C_{16} = \{22_1, \infty_1\} & C_{17} = \{8_1, \infty_2\} \\ C_{18} = \{24_0, \infty_3\} & C_{19} = \{3_1, \infty_4\} & C_{20} = \{19_0, \infty_5\} \\ C_{21} = \{14_1, \infty_6\} & C_{22} = \{7_1, \infty_7\} & C_{23} = \{10_1, \infty_8\} \\ C_{24} = \{19_1, \infty_9\} & & \end{array}$$

### A $((\mathbb{Z}_{27} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{10_0, 8_1\} & A_2 = \{15_1, 18_0\} & B_1 = \{6_0, 19_1\} \\
B_2 = \{6_1, 7_0\} & B_3 = \{3_1, 10_1\} & B_4 = \{10_0, 24_0\} \\
C_0 = \{1_0, 4_0, 13_0\} & C_1 = \{9_0, 15_1\} & C_2 = \{21_0, 19_0\} \\
C_3 = \{15_0, 24_1\} & C_4 = \{1_1, 17_0\} & C_5 = \{8_0, 25_0\} \\
C_6 = \{0_0, 12_1\} & C_7 = \{2_1, 18_1\} & C_8 = \{25_1, 20_1\} \\
C_9 = \{11_1, 7_1\} & C_{10} = \{12_0, 16_1\} & C_{11} = \{14_0, 20_0\} \\
C_{12} = \{26_0, 4_1\} & C_{13} = \{9_1, 2_0\} & C_{14} = \{21_1, 11_0\} \\
C_{15} = \{16_0, 8_1\} & C_{16} = \{0_1, 26_1\} & C_{17} = \{5_1, 13_1\} \\
C_{18} = \{23_0, \infty_1\} & C_{19} = \{14_1, \infty_2\} & C_{20} = \{18_0, \infty_3\} \\
C_{21} = \{3_0, \infty_4\} & C_{22} = \{22_0, \infty_5\} & C_{23} = \{22_1, \infty_6\} \\
C_{24} = \{23_1, \infty_7\} & C_{25} = \{5_0, \infty_8\} & C_{26} = \{17_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{29} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{0_0, 19_1\} & A_2 = \{10_0, 21_1\} & B_1 = \{19_1, 7_1\} \\
B_2 = \{24_1, 20_0\} & B_3 = \{1_0, 3_1\} & B_4 = \{18_0, 9_0\} \\
C_0 = \{26_1, 28_1, 19_0\} & C_1 = \{25_0, 24_0\} & C_2 = \{27_0, 3_0\} \\
C_3 = \{25_1, 11_0\} & C_4 = \{13_0, 17_0\} & C_5 = \{16_0, 15_1\} \\
C_6 = \{12_0, 2_0\} & C_7 = \{11_1, 14_0\} & C_8 = \{13_1, 21_1\} \\
C_9 = \{10_0, 4_0\} & C_{10} = \{4_1, 22_1\} & C_{11} = \{20_1, 8_0\} \\
C_{12} = \{10_1, 17_1\} & C_{13} = \{0_0, 15_0\} & C_{14} = \{26_0, 2_1\} \\
C_{15} = \{22_0, 1_1\} & C_{16} = \{18_1, 5_1\} & C_{17} = \{21_0, 8_1\} \\
C_{18} = \{6_1, 9_1\} & C_{19} = \{6_0, 12_1\} & C_{20} = \{28_0, \infty_1\} \\
C_{21} = \{27_1, \infty_2\} & C_{22} = \{7_0, \infty_3\} & C_{23} = \{5_0, \infty_4\} \\
C_{24} = \{23_0, \infty_5\} & C_{25} = \{23_1, \infty_6\} & C_{26} = \{0_1, \infty_7\} \\
C_{27} = \{16_1, \infty_8\} & C_{28} = \{14_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{31} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{10_1, 17_0\} & A_2 = \{25_1, 13_0\} & B_1 = \{28_1, 19_1\} \\
B_2 = \{19_0, 21_1\} & B_3 = \{6_1, 24_0\} & B_4 = \{25_0, 26_0\} \\
C_0 = \{11_0, 20_1, 3_0\} & C_1 = \{5_0, 12_0\} & C_2 = \{18_0, 22_0\} \\
C_3 = \{0_0, 16_0\} & C_4 = \{2_1, 29_0\} & C_5 = \{9_0, 8_1\} \\
C_6 = \{7_0, 20_0\} & C_7 = \{3_1, 24_1\} & C_8 = \{23_1, 17_0\} \\
C_9 = \{17_1, 15_1\} & C_{10} = \{6_0, 16_1\} & C_{11} = \{25_1, 2_0\} \\
C_{12} = \{0_1, 11_1\} & C_{13} = \{4_1, 18_1\} & C_{14} = \{23_0, 7_1\} \\
C_{15} = \{5_1, 10_1\} & C_{16} = \{13_0, 1_0\} & C_{17} = \{9_1, 4_0\} \\
C_{18} = \{10_0, 13_1\} & C_{19} = \{26_1, 29_1\} & C_{20} = \{1_1, 21_0\} \\
C_{21} = \{8_0, 14_0\} & C_{22} = \{30_0, \infty_1\} & C_{23} = \{22_1, \infty_2\} \\
C_{24} = \{12_1, \infty_3\} & C_{25} = \{15_0, \infty_4\} & C_{26} = \{28_0, \infty_5\} \\
C_{27} = \{27_0, \infty_6\} & C_{28} = \{30_1, \infty_7\} & C_{29} = \{27_1, \infty_8\} \\
C_{30} = \{14_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{33} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{32_0, 31_1\} & A_2 = \{2_0, 15_1\} & B_1 = \{8_0, 6_0\} \\
B_2 = \{6_1, 12_1\} & B_3 = \{25_1, 8_1\} & B_4 = \{21_0, 5_1\} \\
C_0 = \{0_0, 25_0, 3_0\} & C_1 = \{20_0, 29_0\} & C_2 = \{21_1, 1_1\} \\
C_3 = \{13_0, 20_1\} & C_4 = \{5_0, 31_0\} & C_5 = \{3_1, 27_0\} \\
C_6 = \{26_0, 18_1\} & C_7 = \{14_0, 10_0\} & C_8 = \{10_1, 22_0\} \\
C_9 = \{26_1, 32_0\} & C_{10} = \{18_0, 14_1\} & C_{11} = \{19_0, 24_0\} \\
C_{12} = \{28_0, 30_1\} & C_{13} = \{29_1, 17_1\} & C_{14} = \{28_1, 9_0\} \\
C_{15} = \{24_1, 2_0\} & C_{16} = \{27_1, 12_0\} & C_{17} = \{9_1, 23_1\} \\
C_{18} = \{7_0, 30_0\} & C_{19} = \{15_0, 16_0\} & C_{20} = \{31_1, 13_1\} \\
C_{21} = \{1_0, 11_1\} & C_{22} = \{4_0, 7_1\} & C_{23} = \{11_0, 16_1\} \\
C_{24} = \{0_1, \infty_1\} & C_{25} = \{22_1, \infty_2\} & C_{26} = \{17_0, \infty_3\} \\
C_{27} = \{15_1, \infty_4\} & C_{28} = \{19_1, \infty_5\} & C_{29} = \{23_0, \infty_6\} \\
C_{30} = \{2_1, \infty_7\} & C_{31} = \{32_1, \infty_8\} & C_{32} = \{4_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{35} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{0_0, 30_1\} & A_2 = \{34_1, 21_0\} & B_1 = \{8_1, 22_0\} \\
B_2 = \{21_1, 2_1\} & B_3 = \{25_1, 20_1\} & B_4 = \{7_0, 17_0\} \\
C_0 = \{10_0, 25_0, 9_1\} & C_1 = \{6_0, 17_1\} & C_2 = \{24_0, 3_0\} \\
C_3 = \{23_1, 8_0\} & C_4 = \{24_1, 31_0\} & C_5 = \{23_0, 19_0\} \\
C_6 = \{21_0, 33_1\} & C_7 = \{13_0, 22_1\} & C_8 = \{1_1, 10_1\} \\
C_9 = \{34_1, 6_1\} & C_{10} = \{13_1, 31_1\} & C_{11} = \{0_1, 27_0\} \\
C_{12} = \{15_1, 7_1\} & C_{13} = \{32_0, 30_0\} & C_{14} = \{33_0, 20_0\} \\
C_{15} = \{27_1, 2_0\} & C_{16} = \{12_0, 30_1\} & C_{17} = \{16_0, 18_1\} \\
C_{18} = \{0_0, 11_0\} & C_{19} = \{28_0, 29_0\} & C_{20} = \{28_1, 16_1\} \\
C_{21} = \{19_1, 15_0\} & C_{22} = \{29_1, 26_0\} & C_{23} = \{14_1, 11_1\} \\
C_{24} = \{12_1, 18_0\} & C_{25} = \{3_1, 32_1\} & C_{26} = \{4_0, \infty_1\} \\
C_{27} = \{4_1, \infty_2\} & C_{28} = \{26_1, \infty_3\} & C_{29} = \{5_0, \infty_4\} \\
C_{30} = \{34_0, \infty_5\} & C_{31} = \{14_0, \infty_6\} & C_{32} = \{5_1, \infty_7\} \\
C_{33} = \{9_0, \infty_8\} & C_{34} = \{1_0, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{37} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{1_1, 17_0\} & A_2 = \{32_1, 27_0\} & B_1 = \{15_0, 8_1\} \\
B_2 = \{28_0, 3_0\} & B_3 = \{15_1, 12_1\} & B_4 = \{35_0, 5_0\} \\
C_0 = \{10_1, 5_1, 22_0\} & C_1 = \{27_0, 3_1\} & C_2 = \{27_1, 23_0\} \\
C_3 = \{11_0, 22_1\} & C_4 = \{24_0, 21_1\} & C_5 = \{29_0, 14_0\} \\
C_6 = \{35_1, 6_1\} & C_7 = \{32_0, 13_0\} & C_8 = \{20_1, 31_1\} \\
C_9 = \{11_1, 24_1\} & C_{10} = \{0_1, 1_0\} & C_{11} = \{30_0, 31_0\} \\
C_{12} = \{4_0, 26_1\} & C_{13} = \{8_0, 17_0\} & C_{14} = \{0_0, 21_0\} \\
C_{15} = \{14_1, 20_0\} & C_{16} = \{1_1, 9_0\} & C_{17} = \{23_1, 29_1\} \\
C_{18} = \{17_1, 19_0\} & C_{19} = \{10_0, 6_0\} & C_{20} = \{36_1, 18_0\} \\
C_{21} = \{18_1, 32_1\} & C_{22} = \{16_0, 26_0\} & C_{23} = \{34_0, 7_1\} \\
C_{24} = \{13_1, 33_1\} & C_{25} = \{33_0, 19_1\} & C_{26} = \{2_1, 4_1\} \\
C_{27} = \{25_0, 34_1\} & C_{28} = \{9_1, \infty_1\} & C_{29} = \{2_0, \infty_2\} \\
C_{30} = \{7_0, \infty_3\} & C_{31} = \{28_1, \infty_4\} & C_{32} = \{25_1, \infty_5\} \\
C_{33} = \{36_0, \infty_6\} & C_{34} = \{30_1, \infty_7\} & C_{35} = \{16_1, \infty_8\} \\
C_{36} = \{12_0, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{39} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{32_1, 38_0\} & A_2 = \{0_0, 30_1\} & B_1 = \{17_0, 0_1\} \\
B_2 = \{0_0, 31_1\} & B_3 = \{23_1, 33_1\} & B_4 = \{18_0, 3_0\} \\
C_0 = \{27_0, 7_0, 19_0\} & C_1 = \{4_0, 32_0\} & C_2 = \{35_0, 15_1\} \\
C_3 = \{16_0, 37_0\} & C_4 = \{1_0, 15_0\} & C_5 = \{37_1, 11_0\} \\
C_6 = \{20_0, 32_1\} & C_7 = \{36_0, 22_1\} & C_8 = \{4_1, 25_0\} \\
C_9 = \{38_1, 6_0\} & C_{10} = \{33_0, 31_0\} & C_{11} = \{28_0, 5_0\} \\
C_{12} = \{3_1, 13_0\} & C_{13} = \{24_1, 8_0\} & C_{14} = \{34_0, 21_0\} \\
C_{15} = \{38_0, 1_1\} & C_{16} = \{21_1, 28_1\} & C_{17} = \{6_1, 9_0\} \\
C_{18} = \{26_1, 17_1\} & C_{19} = \{8_1, 23_0\} & C_{20} = \{2_0, 7_1\} \\
C_{21} = \{27_1, 30_1\} & C_{22} = \{20_1, 25_1\} & C_{23} = \{24_0, 35_1\} \\
C_{24} = \{26_0, 22_0\} & C_{25} = \{29_0, 30_0\} & C_{26} = \{36_1, 14_1\} \\
C_{27} = \{12_0, 13_1\} & C_{28} = \{5_1, 11_1\} & C_{29} = \{10_1, 14_0\} \\
C_{30} = \{9_1, \infty_1\} & C_{31} = \{2_1, \infty_2\} & C_{32} = \{34_1, \infty_3\} \\
C_{33} = \{29_1, \infty_4\} & C_{34} = \{10_0, \infty_5\} & C_{35} = \{12_1, \infty_6\} \\
C_{36} = \{19_1, \infty_7\} & C_{37} = \{16_1, \infty_8\} & C_{38} = \{18_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{41} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{37_0, 20_1\} & A_2 = \{28_1, 13_0\} & B_1 = \{7_1, 34_0\} \\
B_2 = \{26_0, 36_0\} & B_3 = \{34_1, 37_0\} & B_4 = \{11_0, 19_0\} \\
C_0 = \{5_0, 33_0, 1_0\} & C_1 = \{10_0, 2_1\} & C_2 = \{33_1, 39_0\} \\
C_3 = \{6_0, 0_0\} & C_4 = \{23_1, 6_1\} & C_5 = \{0_1, 27_1\} \\
C_6 = \{36_1, 4_0\} & C_7 = \{17_1, 27_0\} & C_8 = \{7_0, 25_0\} \\
C_9 = \{24_0, 31_0\} & C_{10} = \{37_1, 40_1\} & C_{11} = \{13_1, 39_1\} \\
C_{12} = \{35_0, 23_0\} & C_{13} = \{24_1, 5_1\} & C_{14} = \{19_1, 17_0\} \\
C_{15} = \{25_1, 32_0\} & C_{16} = \{10_1, 29_0\} & C_{17} = \{21_0, 26_1\} \\
C_{18} = \{8_0, 13_0\} & C_{19} = \{38_0, 40_0\} & C_{20} = \{38_1, 8_1\} \\
C_{21} = \{28_0, 15_1\} & C_{22} = \{29_1, 30_1\} & C_{23} = \{11_1, 31_1\} \\
C_{24} = \{1_1, 30_0\} & C_{25} = \{18_0, 22_1\} & C_{26} = \{32_1, 12_0\} \\
C_{27} = \{9_0, 20_1\} & C_{28} = \{12_1, 28_1\} & C_{29} = \{20_0, 4_1\} \\
C_{30} = \{3_0, 21_1\} & C_{31} = \{15_0, 16_1\} & C_{32} = \{3_1, \infty_1\} \\
C_{33} = \{16_0, \infty_2\} & C_{34} = \{14_0, \infty_3\} & C_{35} = \{18_1, \infty_4\} \\
C_{36} = \{35_1, \infty_5\} & C_{37} = \{22_0, \infty_6\} & C_{38} = \{9_1, \infty_7\} \\
C_{39} = \{2_0, \infty_8\} & C_{40} = \{14_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{43} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{42_0, 8_1\} & A_2 = \{36_1, 8_0\} & B_1 = \{29_0, 24_0\} \\
B_2 = \{8_0, 7_0\} & B_3 = \{37_1, 2_1\} & B_4 = \{25_0, 18_0\} \\
C_0 = \{17_0, 30_0, 24_1\} & C_1 = \{37_0, 6_0\} & C_2 = \{35_0, 15_0\} \\
C_3 = \{10_0, 34_0\} & C_4 = \{13_0, 30_1\} & C_5 = \{27_0, 39_1\} \\
C_6 = \{0_0, 40_0\} & C_7 = \{42_0, 7_1\} & C_8 = \{20_0, 22_0\} \\
C_9 = \{15_1, 38_0\} & C_{10} = \{2_0, 20_1\} & C_{11} = \{1_0, 6_1\} \\
C_{12} = \{16_0, 38_1\} & C_{13} = \{9_0, 10_1\} & C_{14} = \{28_1, 34_1\} \\
C_{15} = \{22_1, 19_0\} & C_{16} = \{31_0, 21_0\} & C_{17} = \{16_1, 42_1\} \\
C_{18} = \{0_1, 4_0\} & C_{19} = \{40_1, 29_1\} & C_{20} = \{9_1, 39_0\} \\
C_{21} = \{23_0, 32_0\} & C_{22} = \{35_1, 3_0\} & C_{23} = \{3_1, 32_1\} \\
C_{24} = \{41_0, 25_1\} & C_{25} = \{13_1, 41_1\} & C_{26} = \{1_1, 5_1\} \\
C_{27} = \{11_0, 21_1\} & C_{28} = \{12_1, 26_0\} & C_{29} = \{31_1, 4_1\} \\
C_{30} = \{17_1, 36_0\} & C_{31} = \{28_0, 26_1\} & C_{32} = \{12_0, 33_0\} \\
C_{33} = \{18_1, 36_1\} & C_{34} = \{23_1, \infty_1\} & C_{35} = \{33_1, \infty_2\} \\
C_{36} = \{5_0, \infty_3\} & C_{37} = \{14_0, \infty_4\} & C_{38} = \{14_1, \infty_5\} \\
C_{39} = \{11_1, \infty_6\} & C_{40} = \{8_1, \infty_7\} & C_{41} = \{19_1, \infty_8\} \\
C_{42} = \{27_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{45} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
A_1 = \{2_1, 39_0\} & A_2 = \{31_1, 16_0\} & B_1 = \{15_1, 39_1\} \\
B_2 = \{5_0, 26_1\} & B_3 = \{5_1, 6_1\} & B_4 = \{29_0, 40_0\} \\
C_0 = \{13_0, 0_0, 28_0\} & C_1 = \{4_1, 21_0\} & C_2 = \{43_0, 44_1\} \\
C_3 = \{17_0, 29_1\} & C_4 = \{21_1, 13_1\} & C_5 = \{6_0, 10_0\} \\
C_6 = \{32_0, 18_0\} & C_7 = \{41_0, 30_1\} & C_8 = \{36_0, 10_1\} \\
C_9 = \{15_0, 2_1\} & C_{10} = \{32_1, 26_0\} & C_{11} = \{7_0, 42_0\} \\
C_{12} = \{36_1, 20_0\} & C_{13} = \{2_0, 38_0\} & C_{14} = \{25_0, 27_1\} \\
C_{15} = \{37_0, 12_1\} & C_{16} = \{24_0, 8_0\} & C_{17} = \{20_1, 18_1\} \\
C_{18} = \{43_1, 12_0\} & C_{19} = \{1_0, 37_1\} & C_{20} = \{7_1, 34_0\} \\
C_{21} = \{40_1, 28_1\} & C_{22} = \{31_1, 27_0\} & C_{23} = \{14_0, 33_0\} \\
C_{24} = \{31_0, 9_0\} & C_{25} = \{42_1, 35_1\} & C_{26} = \{41_1, 14_1\} \\
C_{27} = \{0_1, 25_1\} & C_{28} = \{16_1, 23_0\} & C_{29} = \{19_0, 22_0\} \\
C_{30} = \{4_0, 9_1\} & C_{31} = \{30_0, 35_0\} & C_{32} = \{22_1, 44_0\} \\
C_{33} = \{11_1, 17_1\} & C_{34} = \{16_0, 19_1\} & C_{35} = \{1_1, 11_0\} \\
C_{36} = \{34_1, \infty_1\} & C_{37} = \{24_1, \infty_2\} & C_{38} = \{8_1, \infty_3\} \\
C_{39} = \{23_1, \infty_4\} & C_{40} = \{39_0, \infty_5\} & C_{41} = \{33_1, \infty_6\} \\
C_{42} = \{3_0, \infty_7\} & C_{43} = \{38_1, \infty_8\} & C_{44} = \{3_1, \infty_9\}
\end{array}$$

A  $((\mathbb{Z}_{47} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$A_1 = \{23_1, 15_0\}$	$A_2 = \{21_1, 9_0\}$	$B_1 = \{35_1, 26_0\}$
$B_2 = \{3_0, 44_1\}$	$B_3 = \{0_1, 41_1\}$	$B_4 = \{45_0, 10_0\}$
$C_0 = \{46_0, 2_0, 42_0\}$	$C_1 = \{42_1, 34_1\}$	$C_2 = \{13_0, 23_0\}$
$C_3 = \{9_0, 7_0\}$	$C_4 = \{15_0, 20_0\}$	$C_5 = \{38_0, 29_0\}$
$C_6 = \{23_1, 5_0\}$	$C_7 = \{1_0, 34_0\}$	$C_8 = \{24_0, 21_1\}$
$C_9 = \{29_1, 40_0\}$	$C_{10} = \{6_0, 20_1\}$	$C_{11} = \{7_1, 28_1\}$
$C_{12} = \{5_1, 37_0\}$	$C_{13} = \{40_1, 4_1\}$	$C_{14} = \{14_0, 36_0\}$
$C_{15} = \{43_0, 22_1\}$	$C_{16} = \{4_0, 24_1\}$	$C_{17} = \{14_1, 15_1\}$
$C_{18} = \{33_0, 3_1\}$	$C_{19} = \{26_1, 28_0\}$	$C_{20} = \{43_1, 21_0\}$
$C_{21} = \{9_1, 25_1\}$	$C_{22} = \{36_1, 6_1\}$	$C_{23} = \{0_0, 1_1\}$
$C_{24} = \{25_0, 38_1\}$	$C_{25} = \{37_1, 17_1\}$	$C_{26} = \{19_0, 32_0\}$
$C_{27} = \{32_1, 8_0\}$	$C_{28} = \{33_1, 17_0\}$	$C_{29} = \{18_0, 11_1\}$
$C_{30} = \{12_0, 2_1\}$	$C_{31} = \{39_1, 44_0\}$	$C_{32} = \{11_0, 35_0\}$
$C_{33} = \{16_0, 31_0\}$	$C_{34} = \{13_1, 31_1\}$	$C_{35} = \{18_1, 22_0\}$
$C_{36} = \{27_0, 46_1\}$	$C_{37} = \{8_1, 27_1\}$	$C_{38} = \{30_0, \infty_1\}$
$C_{39} = \{41_0, \infty_2\}$	$C_{40} = \{12_1, \infty_3\}$	$C_{41} = \{16_1, \infty_4\}$
$C_{42} = \{45_1, \infty_5\}$	$C_{43} = \{30_1, \infty_6\}$	$C_{44} = \{39_0, \infty_7\}$
$C_{45} = \{10_1, \infty_8\}$	$C_{46} = \{19_1, \infty_9\}$	

A  $((\mathbb{Z}_{49} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$A_1 = \{31_0, 8_1\}$	$A_2 = \{5_1, 40_0\}$	$B_1 = \{42_0, 11_0\}$
$B_2 = \{32_1, 43_1\}$	$B_3 = \{30_0, 19_1\}$	$B_4 = \{8_0, 7_0\}$
$C_0 = \{3_0, 21_1, 40_0\}$	$C_1 = \{33_0, 24_0\}$	$C_2 = \{44_0, 23_0\}$
$C_3 = \{8_1, 22_1\}$	$C_4 = \{26_0, 45_0\}$	$C_5 = \{12_0, 18_0\}$
$C_6 = \{9_0, 34_0\}$	$C_7 = \{16_0, 23_1\}$	$C_8 = \{32_0, 16_1\}$
$C_9 = \{46_0, 37_1\}$	$C_{10} = \{17_0, 14_0\}$	$C_{11} = \{45_1, 9_1\}$
$C_{12} = \{18_1, 34_1\}$	$C_{13} = \{39_0, 42_1\}$	$C_{14} = \{28_0, 2_0\}$
$C_{15} = \{39_1, 35_0\}$	$C_{16} = \{20_1, 3_1\}$	$C_{17} = \{47_1, 40_1\}$
$C_{18} = \{47_0, 48_1\}$	$C_{19} = \{5_0, 33_1\}$	$C_{20} = \{17_1, 15_0\}$
$C_{21} = \{11_1, 19_0\}$	$C_{22} = \{28_1, 48_0\}$	$C_{23} = \{25_0, 20_0\}$
$C_{24} = \{13_0, 26_1\}$	$C_{25} = \{38_0, 1_1\}$	$C_{26} = \{12_1, 10_1\}$
$C_{27} = \{46_1, 38_1\}$	$C_{28} = \{4_1, 10_0\}$	$C_{29} = \{21_0, 41_0\}$
$C_{30} = \{30_1, 15_1\}$	$C_{31} = \{0_0, 25_1\}$	$C_{32} = \{41_1, 31_1\}$
$C_{33} = \{2_1, 29_1\}$	$C_{34} = \{29_0, 44_1\}$	$C_{35} = \{1_0, 6_1\}$
$C_{36} = \{4_0, 14_1\}$	$C_{37} = \{27_0, 31_0\}$	$C_{38} = \{5_1, 37_0\}$
$C_{39} = \{0_1, 22_0\}$	$C_{40} = \{36_0, \infty_1\}$	$C_{41} = \{7_1, \infty_2\}$
$C_{42} = \{43_0, \infty_3\}$	$C_{43} = \{27_1, \infty_4\}$	$C_{44} = \{6_0, \infty_5\}$
$C_{45} = \{13_1, \infty_6\}$	$C_{46} = \{24_1, \infty_7\}$	$C_{47} = \{36_1, \infty_8\}$
$C_{48} = \{35_1, \infty_9\}$		

A  $((\mathbb{Z}_{53} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$A_1 = \{8_1, 15_0\}$	$A_2 = \{22_0, 16_1\}$	$B_1 = \{45_0, 16_1\}$
$B_2 = \{18_1, 26_0\}$	$B_3 = \{42_0, 19_0\}$	$B_4 = \{33_0, 43_0\}$
$C_0 = \{19_1, 4_0, 40_0\}$	$C_1 = \{24_0, 33_1\}$	$C_2 = \{4_1, 0_0\}$
$C_3 = \{20_0, 40_1\}$	$C_4 = \{10_0, 8_0\}$	$C_5 = \{22_1, 26_1\}$
$C_6 = \{2_1, 8_1\}$	$C_7 = \{27_0, 39_0\}$	$C_8 = \{50_0, 13_0\}$
$C_9 = \{49_1, 42_1\}$	$C_{10} = \{29_1, 0_1\}$	$C_{11} = \{45_1, 5_0\}$
$C_{12} = \{43_1, 51_1\}$	$C_{13} = \{39_1, 16_0\}$	$C_{14} = \{5_1, 32_0\}$
$C_{15} = \{41_0, 22_0\}$	$C_{16} = \{50_1, 47_0\}$	$C_{17} = \{11_0, 28_1\}$
$C_{18} = \{47_1, 6_0\}$	$C_{19} = \{52_0, 24_1\}$	$C_{20} = \{3_0, 35_0\}$
$C_{21} = \{20_1, 6_1\}$	$C_{22} = \{46_1, 30_0\}$	$C_{23} = \{11_1, 36_1\}$
$C_{24} = \{37_0, 17_0\}$	$C_{25} = \{37_1, 48_0\}$	$C_{26} = \{35_1, 9_1\}$
$C_{27} = \{25_0, 12_0\}$	$C_{28} = \{21_0, 31_1\}$	$C_{29} = \{15_1, 30_1\}$
$C_{30} = \{25_1, 14_1\}$	$C_{31} = \{7_1, 2_0\}$	$C_{32} = \{46_0, 32_1\}$
$C_{33} = \{15_0, 34_1\}$	$C_{34} = \{1_0, 23_1\}$	$C_{35} = \{41_1, 44_1\}$
$C_{36} = \{48_1, 13_1\}$	$C_{37} = \{28_0, 29_0\}$	$C_{38} = \{1_1, 10_1\}$
$C_{39} = \{7_0, 38_0\}$	$C_{40} = \{9_0, 14_0\}$	$C_{41} = \{36_0, 38_1\}$
$C_{42} = \{34_0, 52_1\}$	$C_{43} = \{17_1, 18_0\}$	$C_{44} = \{51_0, \infty_1\}$
$C_{45} = \{3_1, \infty_2\}$	$C_{46} = \{21_1, \infty_3\}$	$C_{47} = \{12_1, \infty_4\}$
$C_{48} = \{44_0, \infty_5\}$	$C_{49} = \{31_0, \infty_6\}$	$C_{50} = \{27_1, \infty_7\}$
$C_{51} = \{23_0, \infty_8\}$	$C_{52} = \{49_0, \infty_9\}$	

A  $((\mathbb{Z}_{57} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$A_1 = \{16_1, 22_0\}$	$A_2 = \{1_0, 27_1\}$	$B_1 = \{9_1, 17_0\}$
$B_2 = \{28_0, 44_0\}$	$B_3 = \{24_0, 1_1\}$	$B_4 = \{12_0, 10_0\}$
$C_0 = \{41_0, 0_1, 24_1\}$	$C_1 = \{4_0, 13_0\}$	$C_2 = \{3_0, 41_1\}$
$C_3 = \{1_0, 7_0\}$	$C_4 = \{29_0, 40_0\}$	$C_5 = \{8_0, 46_0\}$
$C_6 = \{45_0, 30_0\}$	$C_7 = \{47_0, 56_1\}$	$C_8 = \{10_1, 5_0\}$
$C_9 = \{14_0, 28_1\}$	$C_{10} = \{20_0, 44_1\}$	$C_{11} = \{21_0, 56_0\}$
$C_{12} = \{37_0, 5_1\}$	$C_{13} = \{45_1, 42_0\}$	$C_{14} = \{35_1, 22_0\}$
$C_{15} = \{55_1, 12_1\}$	$C_{16} = \{52_0, 22_1\}$	$C_{17} = \{47_1, 34_1\}$
$C_{18} = \{40_1, 33_0\}$	$C_{19} = \{6_0, 23_0\}$	$C_{20} = \{7_1, 19_0\}$
$C_{21} = \{27_1, 52_1\}$	$C_{22} = \{21_1, 16_1\}$	$C_{23} = \{3_1, 49_0\}$
$C_{24} = \{14_1, 32_1\}$	$C_{25} = \{46_1, 39_1\}$	$C_{26} = \{20_1, 17_1\}$
$C_{27} = \{55_0, 32_0\}$	$C_{28} = \{35_0, 9_0\}$	$C_{29} = \{49_1, 2_0\}$
$C_{30} = \{48_1, 11_1\}$	$C_{31} = \{29_1, 51_0\}$	$C_{32} = \{23_1, 50_1\}$
$C_{33} = \{13_1, 11_0\}$	$C_{34} = \{43_0, 53_0\}$	$C_{35} = \{37_1, 25_1\}$
$C_{36} = \{8_1, 50_0\}$	$C_{37} = \{48_0, 30_1\}$	$C_{38} = \{4_1, 53_1\}$
$C_{39} = \{16_0, 15_0\}$	$C_{40} = \{36_1, 0_0\}$	$C_{41} = \{26_0, 54_0\}$
$C_{42} = \{31_0, 51_1\}$	$C_{43} = \{2_1, 38_1\}$	$C_{44} = \{15_1, 19_1\}$
$C_{45} = \{33_1, 34_0\}$	$C_{46} = \{38_0, 42_1\}$	$C_{47} = \{25_0, 54_1\}$
$C_{48} = \{43_1, \infty_1\}$	$C_{49} = \{18_0, \infty_2\}$	$C_{50} = \{36_0, \infty_3\}$
$C_{51} = \{6_1, \infty_4\}$	$C_{52} = \{18_1, \infty_5\}$	$C_{53} = \{27_0, \infty_6\}$
$C_{54} = \{39_0, \infty_7\}$	$C_{55} = \{31_1, \infty_8\}$	$C_{56} = \{26_1, \infty_9\}$

A  $((\mathbb{Z}_{59} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$A_1 = \{34_0, 54_1\}$	$A_2 = \{17_0, 24_1\}$	$B_1 = \{19_1, 0_1\}$
$B_2 = \{7_0, 32_1\}$	$B_3 = \{33_1, 7_1\}$	$B_4 = \{29_0, 37_0\}$
$C_0 = \{28_0, 41_0, 10_0\}$	$C_1 = \{13_0, 55_0\}$	$C_2 = \{18_0, 38_0\}$
$C_3 = \{15_0, 53_0\}$	$C_4 = \{3_0, 6_0\}$	$C_5 = \{38_1, 33_0\}$
$C_6 = \{39_0, 5_0\}$	$C_7 = \{20_0, 24_0\}$	$C_8 = \{54_0, 6_1\}$
$C_9 = \{29_1, 51_0\}$	$C_{10} = \{50_0, 31_1\}$	$C_{11} = \{8_0, 54_1\}$
$C_{12} = \{37_1, 52_0\}$	$C_{13} = \{18_1, 55_1\}$	$C_{14} = \{27_1, 39_1\}$
$C_{15} = \{22_0, 34_1\}$	$C_{16} = \{16_1, 22_1\}$	$C_{17} = \{2_0, 4_0\}$
$C_{18} = \{53_1, 0_0\}$	$C_{19} = \{28_1, 51_1\}$	$C_{20} = \{56_1, 26_0\}$
$C_{21} = \{56_0, 52_1\}$	$C_{22} = \{31_0, 45_0\}$	$C_{23} = \{50_1, 27_0\}$
$C_{24} = \{17_0, 43_1\}$	$C_{25} = \{30_0, 21_0\}$	$C_{26} = \{14_1, 30_1\}$
$C_{27} = \{47_0, 23_1\}$	$C_{28} = \{14_0, 17_1\}$	$C_{29} = \{13_1, 8_1\}$
$C_{30} = \{45_1, 1_1\}$	$C_{31} = \{23_0, 24_1\}$	$C_{32} = \{47_1, 20_1\}$
$C_{33} = \{12_1, 41_1\}$	$C_{34} = \{42_1, 1_0\}$	$C_{35} = \{15_1, 32_0\}$
$C_{36} = \{3_1, 46_0\}$	$C_{37} = \{44_0, 9_0\}$	$C_{38} = \{49_0, 40_1\}$
$C_{39} = \{25_0, 57_1\}$	$C_{40} = \{58_1, 10_1\}$	$C_{41} = \{11_0, 9_1\}$
$C_{42} = \{5_1, 43_0\}$	$C_{43} = \{16_0, 44_1\}$	$C_{44} = \{34_0, 35_0\}$
$C_{45} = \{25_1, 35_1\}$	$C_{46} = \{49_1, 57_0\}$	$C_{47} = \{2_1, 12_0\}$
$C_{48} = \{26_1, 40_0\}$	$C_{49} = \{4_1, 11_1\}$	$C_{50} = \{48_0, \infty_1\}$
$C_{51} = \{36_0, \infty_2\}$	$C_{52} = \{46_1, \infty_3\}$	$C_{53} = \{42_0, \infty_4\}$
$C_{54} = \{48_1, \infty_5\}$	$C_{55} = \{58_0, \infty_6\}$	$C_{56} = \{19_0, \infty_7\}$
$C_{57} = \{21_1, \infty_8\}$	$C_{58} = \{36_1, \infty_9\}$	

A  $((\mathbb{Z}_{61} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$A_1 = \{41_1, 37_0\}$	$A_2 = \{29_0, 53_1\}$	$B_1 = \{60_1, 59_1\}$
$B_2 = \{45_1, 58_1\}$	$B_3 = \{22_0, 8_0\}$	$B_4 = \{40_0, 19_0\}$
$C_0 = \{45_0, 26_0, 23_0\}$	$C_1 = \{14_0, 9_0\}$	$C_2 = \{22_1, 40_1\}$
$C_3 = \{41_0, 1_1\}$	$C_4 = \{1_0, 9_1\}$	$C_5 = \{12_0, 55_1\}$
$C_6 = \{29_0, 48_1\}$	$C_7 = \{41_1, 44_0\}$	$C_8 = \{26_1, 55_0\}$
$C_9 = \{19_1, 18_0\}$	$C_{10} = \{28_0, 44_1\}$	$C_{11} = \{10_0, 20_0\}$
$C_{12} = \{56_0, 39_0\}$	$C_{13} = \{7_0, 21_1\}$	$C_{14} = \{47_0, 35_0\}$
$C_{15} = \{28_1, 58_0\}$	$C_{16} = \{36_1, 38_0\}$	$C_{17} = \{47_1, 20_1\}$
$C_{18} = \{24_0, 49_0\}$	$C_{19} = \{31_0, 2_0\}$	$C_{20} = \{15_1, 13_1\}$
$C_{21} = \{46_0, 35_1\}$	$C_{22} = \{51_1, 18_1\}$	$C_{23} = \{39_1, 5_0\}$
$C_{24} = \{48_0, 4_1\}$	$C_{25} = \{23_1, 0_0\}$	$C_{26} = \{4_0, 16_1\}$
$C_{27} = \{12_1, 5_1\}$	$C_{28} = \{60_0, 25_0\}$	$C_{29} = \{8_1, 15_0\}$
$C_{30} = \{14_1, 36_0\}$	$C_{31} = \{43_0, 10_1\}$	$C_{32} = \{49_1, 57_1\}$
$C_{33} = \{34_1, 21_0\}$	$C_{34} = \{29_1, 6_1\}$	$C_{35} = \{38_1, 54_1\}$
$C_{36} = \{24_1, 50_0\}$	$C_{37} = \{27_0, 2_1\}$	$C_{38} = \{57_0, 42_1\}$
$C_{39} = \{50_1, 30_1\}$	$C_{40} = \{32_1, 42_0\}$	$C_{41} = \{43_1, 37_0\}$
$C_{42} = \{13_0, 59_0\}$	$C_{43} = \{54_0, 30_0\}$	$C_{44} = \{37_1, 33_1\}$
$C_{45} = \{11_1, 52_0\}$	$C_{46} = \{46_1, 51_0\}$	$C_{47} = \{7_1, 16_0\}$
$C_{48} = \{3_0, 33_0\}$	$C_{49} = \{3_1, 53_1\}$	$C_{50} = \{11_0, 17_0\}$
$C_{51} = \{0_1, 52_1\}$	$C_{52} = \{6_0, \infty_1\}$	$C_{53} = \{34_0, \infty_2\}$
$C_{54} = \{17_1, \infty_3\}$	$C_{55} = \{25_1, \infty_4\}$	$C_{56} = \{31_1, \infty_5\}$
$C_{57} = \{56_1, \infty_6\}$	$C_{58} = \{32_0, \infty_7\}$	$C_{59} = \{53_0, \infty_8\}$
$C_{60} = \{27_1, \infty_9\}$		

A  $((\mathbb{Z}_{77} \times \mathbb{Z}_2) \cup W_9)$ -IGBTP-starter:

$A_1 = \{56_1, 74_0\}$	$A_2 = \{57_1, 21_0\}$	$B_1 = \{46_1, 73_1\}$
$B_2 = \{69_1, 37_1\}$	$B_3 = \{15_0, 57_0\}$	$B_4 = \{1_0, 51_1\}$
$C_0 = \{64_0, 35_0, 69_0\}$	$C_1 = \{61_0, 60_0\}$	$C_2 = \{63_0, 53_0\}$
$C_3 = \{63_1, 76_0\}$	$C_4 = \{55_0, 68_0\}$	$C_5 = \{72_0, 33_0\}$
$C_6 = \{17_0, 13_0\}$	$C_7 = \{45_0, 55_1\}$	$C_8 = \{43_0, 18_0\}$
$C_9 = \{35_1, 30_0\}$	$C_{10} = \{53_1, 34_0\}$	$C_{11} = \{19_0, 25_0\}$
$C_{12} = \{5_0, 65_0\}$	$C_{13} = \{4_1, 45_1\}$	$C_{14} = \{13_1, 62_0\}$
$C_{15} = \{68_1, 23_0\}$	$C_{16} = \{43_1, 25_1\}$	$C_{17} = \{22_0, 41_0\}$
$C_{18} = \{41_1, 29_0\}$	$C_{19} = \{59_0, 12_0\}$	$C_{20} = \{1_1, 26_0\}$
$C_{21} = \{44_0, 70_0\}$	$C_{22} = \{6_0, 74_0\}$	$C_{23} = \{2_1, 40_0\}$
$C_{24} = \{62_1, 2_0\}$	$C_{25} = \{71_0, 27_0\}$	$C_{26} = \{24_0, 73_0\}$
$C_{27} = \{44_1, 33_1\}$	$C_{28} = \{75_0, 27_1\}$	$C_{29} = \{7_0, 61_1\}$
$C_{30} = \{48_0, 50_1\}$	$C_{31} = \{38_0, 49_1\}$	$C_{32} = \{24_1, 48_1\}$
$C_{33} = \{46_0, 42_1\}$	$C_{34} = \{71_1, 20_0\}$	$C_{35} = \{38_1, 39_0\}$
$C_{36} = \{76_1, 52_0\}$	$C_{37} = \{47_0, 31_1\}$	$C_{38} = \{15_1, 18_1\}$
$C_{39} = \{52_1, 72_1\}$	$C_{40} = \{28_0, 59_1\}$	$C_{41} = \{26_1, 14_1\}$
$C_{42} = \{54_1, 70_1\}$	$C_{43} = \{65_1, 57_1\}$	$C_{44} = \{56_1, 9_0\}$
$C_{45} = \{14_0, 34_1\}$	$C_{46} = \{0_1, 75_1\}$	$C_{47} = \{37_0, 0_0\}$
$C_{48} = \{16_1, 39_1\}$	$C_{49} = \{6_1, 3_0\}$	$C_{50} = \{32_0, 17_1\}$
$C_{51} = \{11_0, 66_1\}$	$C_{52} = \{20_1, 54_0\}$	$C_{53} = \{49_0, 12_1\}$
$C_{54} = \{10_1, 3_1\}$	$C_{55} = \{8_1, 50_0\}$	$C_{56} = \{23_1, 31_0\}$
$C_{57} = \{7_1, 29_1\}$	$C_{58} = \{47_1, 56_0\}$	$C_{59} = \{21_1, 36_1\}$
$C_{60} = \{8_0, 22_1\}$	$C_{61} = \{9_1, 42_0\}$	$C_{62} = \{21_0, 28_1\}$
$C_{63} = \{36_0, 67_0\}$	$C_{64} = \{58_0, 64_1\}$	$C_{65} = \{10_0, 66_0\}$
$C_{66} = \{30_1, 51_0\}$	$C_{67} = \{5_1, 19_1\}$	$C_{68} = \{32_1, \infty_1\}$
$C_{69} = \{11_1, \infty_2\}$	$C_{70} = \{58_1, \infty_3\}$	$C_{71} = \{74_1, \infty_4\}$
$C_{72} = \{67_1, \infty_5\}$	$C_{73} = \{16_0, \infty_6\}$	$C_{74} = \{60_1, \infty_7\}$
$C_{75} = \{40_1, \infty_8\}$	$C_{76} = \{4_0, \infty_9\}$	

## II. LIST OF $((\mathbb{Z}_m \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-STARTERS

A  $((\mathbb{Z}_5 \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$x_0 = 1_0$	$y_0 = 2_0$	$A = \{0_0, 1_2\}$
$B_1 = \{2_1, 0_3\}$	$B_2 = \{0_2, 4_1\}$	$B_3 = \{0_0, 2_0\}$
$B_4 = \{1_0, 0_1\}$	$C_0 = \{3_0, 4_0, 1_1\}$	$C_1 = \{3_1, \infty_1\}$
$C_2 = \{4_2, \infty_2\}$	$C_3 = \{2_3, \infty_3\}$	$C_4 = \{4_3, \infty_4\}$
$D_0 = \{3_2, \infty_1\}$	$D_1 = \{2_2, \infty_2\}$	$D_2 = \{1_2, \infty_3\}$
$D_3 = \{1_3, \infty_4\}$	$D_4 = \{3_3, \infty_5\}$	

A  $((\mathbb{Z}_7 \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$x_0 = 1_0$	$y_0 = 2_0$	$A = \{0_0, 1_2\}$
$B_1 = \{1_1, 6_3\}$	$B_2 = \{2_2, 5_0\}$	$B_3 = \{4_1, 3_0\}$
$B_4 = \{1_2, 6_2\}$	$C_0 = \{3_2, 5_1, 6_1\}$	$C_1 = \{0_1, 3_1\}$
$C_2 = \{3_3, 4_2\}$	$C_3 = \{0_3, 2_0\}$	$C_4 = \{5_3, 1_0\}$
$C_5 = \{4_0, \infty_1\}$	$C_6 = \{2_1, \infty_2\}$	$D_0 = \{0_0, \infty_1\}$
$D_1 = \{6_0, \infty_2\}$	$D_2 = \{5_2, \infty_3\}$	$D_3 = \{0_2, \infty_4\}$
$D_4 = \{2_3, \infty_5\}$	$D_5 = \{1_3, \infty_6\}$	$D_6 = \{4_3, \infty_7\}$

A  $((\mathbb{Z}_9 \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
 x_0 = 1_0 & y_0 = 2_0 & A = \{0_0, 1_2\} \\
 B_1 = \{1_0, 3_1\} & B_2 = \{6_0, 7_1\} & B_3 = \{7_0, 3_3\} \\
 B_4 = \{0_0, 1_3\} & C_0 = \{3_0, 8_0, 5_2\} & C_1 = \{0_3, 4_1\} \\
 C_2 = \{4_0, 5_0\} & C_3 = \{7_2, 2_1\} & C_4 = \{3_2, 5_1\} \\
 C_5 = \{0_1, 6_1\} & C_6 = \{8_1, 2_0\} & C_7 = \{4_2, 1_1\} \\
 C_8 = \{6_3, 8_3\} & D_0 = \{7_3, \infty_1\} & D_1 = \{6_2, \infty_2\} \\
 D_2 = \{0_2, \infty_3\} & D_3 = \{8_2, \infty_4\} & D_4 = \{1_2, \infty_5\} \\
 D_5 = \{2_2, \infty_6\} & D_6 = \{4_3, \infty_7\} & D_7 = \{2_3, \infty_8\} \\
 D_8 = \{5_3, \infty_9\} & & 
 \end{array}$$

A  $((\mathbb{Z}_{11} \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
 x_0 = 1_0 & y_0 = 2_0 & A = \{0_0, 1_2\} \\
 B_1 = \{7_2, 4_3\} & B_2 = \{5_3, 7_3\} & B_3 = \{6_1, 3_1\} \\
 B_4 = \{2_3, 9_1\} & C_0 = \{9_3, 0_1, 4_1\} & C_1 = \{2_1, 0_2\} \\
 C_2 = \{1_1, 0_0\} & C_3 = \{9_2, 10_2\} & C_4 = \{1_2, 6_2\} \\
 C_5 = \{8_1, 3_0\} & C_6 = \{2_0, 0_3\} & C_7 = \{4_2, 8_3\} \\
 C_8 = \{3_2, 10_3\} & C_9 = \{1_0, 7_1\} & C_{10} = \{9_0, 6_3\} \\
 D_0 = \{6_0, 5_1\} & D_1 = \{5_0, 8_2\} & D_2 = \{10_0, \infty_1\} \\
 D_3 = \{8_0, \infty_2\} & D_4 = \{7_0, \infty_3\} & D_5 = \{4_0, \infty_4\} \\
 D_6 = \{10_1, \infty_5\} & D_7 = \{2_2, \infty_6\} & D_8 = \{5_2, \infty_7\} \\
 D_9 = \{1_3, \infty_8\} & D_{10} = \{3_3, \infty_9\} & 
 \end{array}$$

A  $((\mathbb{Z}_{13} \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
 x_0 = 1_0 & y_0 = 2_0 & A = \{0_0, 1_2\} \\
 B_1 = \{3_1, 7_3\} & B_2 = \{10_2, 5_0\} & B_3 = \{0_1, 1_0\} \\
 B_4 = \{12_2, 8_2\} & C_0 = \{5_2, 2_0, 4_1\} & C_1 = \{1_1, 2_1\} \\
 C_2 = \{0_3, 6_1\} & C_3 = \{1_3, 4_3\} & C_4 = \{2_2, 10_3\} \\
 C_5 = \{9_0, 12_3\} & C_6 = \{11_0, 0_2\} & C_7 = \{12_1, 6_0\} \\
 C_8 = \{4_2, 10_1\} & C_9 = \{7_0, 3_3\} & C_{10} = \{9_3, 6_2\} \\
 C_{11} = \{4_0, 10_0\} & C_{12} = \{7_1, 9_1\} & D_0 = \{3_0, 8_0\} \\
 D_1 = \{0_0, 5_1\} & D_2 = \{12_0, 8_1\} & D_3 = \{11_1, 9_2\} \\
 D_4 = \{7_2, \infty_1\} & D_5 = \{1_2, \infty_2\} & D_6 = \{11_2, \infty_3\} \\
 D_7 = \{3_2, \infty_4\} & D_8 = \{11_3, \infty_5\} & D_9 = \{6_3, \infty_6\} \\
 D_{10} = \{5_3, \infty_7\} & D_{11} = \{8_3, \infty_8\} & D_{12} = \{2_3, \infty_9\}
 \end{array}$$

A  $((\mathbb{Z}_{15} \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
 x_0 = 1_0 & y_0 = 2_0 & A = \{0_0, 1_2\} \\
 B_1 = \{2_2, 8_2\} & B_2 = \{13_3, 3_3\} & B_3 = \{2_3, 6_1\} \\
 B_4 = \{0_1, 5_3\} & C_0 = \{5_1, 14_3, 2_1\} & C_1 = \{10_1, 12_1\} \\
 C_2 = \{4_2, 8_1\} & C_3 = \{8_0, 0_2\} & C_4 = \{3_2, 11_2\} \\
 C_5 = \{14_2, 4_1\} & C_6 = \{0_0, 1_0\} & C_7 = \{0_3, 6_2\} \\
 C_8 = \{4_3, 12_2\} & C_9 = \{1_3, 2_0\} & C_{10} = \{7_1, 3_0\} \\
 C_{11} = \{8_3, 12_3\} & C_{12} = \{13_1, 10_2\} & C_{13} = \{1_2, 6_3\} \\
 C_{14} = \{11_0, 9_2\} & D_0 = \{10_0, 3_1\} & D_1 = \{5_0, 7_3\} \\
 D_2 = \{6_0, 9_1\} & D_3 = \{13_2, 14_1\} & D_4 = \{9_3, 7_2\} \\
 D_5 = \{5_2, 11_3\} & D_6 = \{12_0, \infty_1\} & D_7 = \{14_0, \infty_2\} \\
 D_8 = \{13_0, \infty_3\} & D_9 = \{7_0, \infty_4\} & D_{10} = \{4_0, \infty_5\} \\
 D_{11} = \{9_0, \infty_6\} & D_{12} = \{1_1, \infty_7\} & D_{13} = \{11_1, \infty_8\} \\
 D_{14} = \{10_3, \infty_9\} & & 
 \end{array}$$

A  $((\mathbb{Z}_{17} \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
 x_0 = 1_0 & y_0 = 2_0 & A = \{0_0, 1_2\} \\
 B_1 = \{4_0, 15_2\} & B_2 = \{0_1, 13_3\} & B_3 = \{3_1, 6_3\} \\
 B_4 = \{2_2, 16_1\} & C_0 = \{10_2, 5_2, 12_0\} & C_1 = \{7_0, 5_1\} \\
 C_2 = \{13_2, 8_0\} & C_3 = \{15_0, 6_1\} & C_4 = \{2_1, 11_1\} \\
 C_5 = \{0_3, 8_1\} & C_6 = \{11_3, 3_0\} & C_7 = \{6_2, 9_1\} \\
 C_8 = \{7_2, 4_2\} & C_9 = \{1_3, 5_3\} & C_{10} = \{1_2, 2_3\} \\
 C_{11} = \{4_1, 9_2\} & C_{12} = \{1_1, 12_1\} & C_{13} = \{16_2, 0_2\} \\
 C_{14} = \{13_1, 15_1\} & C_{15} = \{14_3, 13_0\} & C_{16} = \{8_2, 10_3\} \\
 D_0 = \{7_1, 14_1\} & D_1 = \{4_3, 14_2\} & D_2 = \{10_1, 3_2\} \\
 D_3 = \{11_2, 7_3\} & D_4 = \{9_0, 15_3\} & D_5 = \{16_0, 12_3\} \\
 D_6 = \{14_0, 8_3\} & D_7 = \{11_0, 16_3\} & D_8 = \{1_0, \infty_1\} \\
 D_9 = \{6_0, \infty_2\} & D_{10} = \{5_0, \infty_3\} & D_{11} = \{0_0, \infty_4\} \\
 D_{12} = \{2_0, \infty_5\} & D_{13} = \{10_0, \infty_6\} & D_{14} = \{12_2, \infty_7\} \\
 D_{15} = \{3_3, \infty_8\} & D_{16} = \{9_3, \infty_9\} & 
 \end{array}$$

A  $((\mathbb{Z}_{19} \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
 x_0 = 1_0 & y_0 = 2_0 & A = \{0_0, 1_2\} \\
 B_1 = \{15_2, 0_0\} & B_2 = \{1_3, 4_0\} & B_3 = \{11_0, 12_3\} \\
 B_4 = \{7_0, 10_2\} & C_0 = \{11_2, 2_1, 7_2\} & C_1 = \{13_3, 17_0\} \\
 C_2 = \{15_3, 8_3\} & C_3 = \{12_2, 18_0\} & C_4 = \{11_1, 17_2\} \\
 C_5 = \{18_2, 3_1\} & C_6 = \{11_3, 1_1\} & C_7 = \{6_2, 4_1\} \\
 C_8 = \{4_3, 9_1\} & C_9 = \{16_0, 0_3\} & C_{10} = \{14_0, 3_2\} \\
 C_{11} = \{13_2, 14_3\} & C_{12} = \{8_0, 16_1\} & C_{13} = \{14_1, 7_3\} \\
 C_{14} = \{12_1, 5_0\} & C_{15} = \{10_0, 8_2\} & C_{16} = \{15_0, 5_3\} \\
 C_{17} = \{6_3, 17_3\} & C_{18} = \{10_3, 2_0\} & D_0 = \{9_2, 3_3\} \\
 D_1 = \{13_0, 18_3\} & D_2 = \{1_2, 8_1\} & D_3 = \{9_0, 7_1\} \\
 D_4 = \{0_2, 14_2\} & D_5 = \{10_1, 13_1\} & D_6 = \{1_0, 3_0\} \\
 D_7 = \{6_0, 12_0\} & D_8 = \{17_1, 18_1\} & D_9 = \{6_1, 15_1\} \\
 D_{10} = \{5_1, \infty_1\} & D_{11} = \{0_1, \infty_2\} & D_{12} = \{4_2, \infty_3\} \\
 D_{13} = \{16_2, \infty_4\} & D_{14} = \{2_2, \infty_5\} & D_{15} = \{5_2, \infty_6\} \\
 D_{16} = \{2_3, \infty_7\} & D_{17} = \{9_3, \infty_8\} & D_{18} = \{16_3, \infty_9\}
 \end{array}$$

A  $((\mathbb{Z}_{21} \times \mathbb{Z}_4) \cup W_9)$ -IGBTP-starter:

$$\begin{array}{lll}
 x_0 = 1_0 & y_0 = 2_0 & A = \{0_0, 1_2\} \\
 B_1 = \{13_2, 1_1\} & B_2 = \{6_0, 0_1\} & B_3 = \{11_2, 20_2\} \\
 B_4 = \{3_1, 5_3\} & C_0 = \{11_1, 14_0, 10_2\} & C_1 = \{14_3, 9_3\} \\
 C_2 = \{8_0, 12_1\} & C_3 = \{17_0, 9_1\} & C_4 = \{13_0, 6_1\} \\
 C_5 = \{13_3, 2_1\} & C_6 = \{1_2, 16_0\} & C_7 = \{4_0, 7_1\} \\
 C_8 = \{2_0, 13_1\} & C_9 = \{20_0, 10_3\} & C_{10} = \{19_0, 2_3\} \\
 C_{11} = \{1_0, 7_0\} & C_{12} = \{3_2, 8_3\} & C_{13} = \{14_1, 5_0\} \\
 C_{14} = \{12_0, 17_2\} & C_{15} = \{19_1, 0_2\} & C_{16} = \{5_1, 15_1\} \\
 C_{17} = \{20_3, 8_1\} & C_{18} = \{16_1, 9_0\} & C_{19} = \{5_2, 18_1\} \\
 C_{20} = \{15_0, 10_1\} & D_0 = \{3_0, 4_1\} & D_1 = \{20_1, 6_3\} \\
 D_2 = \{17_1, 4_3\} & D_3 = \{10_0, 18_0\} & D_4 = \{17_3, 19_2\} \\
 D_5 = \{11_0, 14_2\} & D_6 = \{18_2, 3_3\} & D_7 = \{11_3, 15_3\} \\
 D_8 = \{12_2, 15_2\} & D_9 = \{2_2, 4_2\} & D_{10} = \{6_2, 7_2\} \\
 D_{11} = \{9_2, 16_2\} & D_{12} = \{0_0, \infty_1\} & D_{13} = \{8_2, \infty_2\} \\
 D_{14} = \{19_3, \infty_3\} & D_{15} = \{1_3, \infty_4\} & D_{16} = \{12_3, \infty_5\} \\
 D_{17} = \{16_3, \infty_6\} & D_{18} = \{0_3, \infty_7\} & D_{19} = \{18_3, \infty_8\} \\
 D_{20} = \{7_3, \infty_9\} & & 
 \end{array}$$

### III. LIST OF $((\mathbb{Z}_m \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-STARTERS

A  $((\mathbb{Z}_{15} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{12_0, 13_1\} & A_2 = \{13_0, 6_1\} & B_1 = \{13_1, 10_1\} \\ B_2 = \{12_0, 5_0\} & B_3 = \{0_0, 1_0\} & B_4 = \{0_1, 2_0\} \\ C_0 = \{2_1, 6_0, 11_0\} & C_1 = \{3_0, 8_1\} & C_2 = \{5_1, 9_1\} \\ C_3 = \{4_0, 13_0\} & C_4 = \{4_1, \infty_1\} & C_5 = \{6_1, \infty_2\} \\ C_6 = \{10_0, \infty_3\} & C_7 = \{12_1, \infty_4\} & C_8 = \{7_0, \infty_5\} \\ C_9 = \{14_0, \infty_6\} & C_{10} = \{14_1, \infty_7\} & C_{11} = \{8_0, \infty_8\} \\ C_{12} = \{11_1, \infty_9\} & C_{13} = \{7_1, \infty_{10}\} & C_{14} = \{9_0, \infty_{11}\} \end{array}$$

A  $((\mathbb{Z}_{19} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{14_0, 12_1\} & A_2 = \{5_0, 8_1\} & B_1 = \{17_0, 9_0\} \\ B_2 = \{4_1, 10_0\} & B_3 = \{14_0, 3_1\} & B_4 = \{4_0, 3_0\} \\ C_0 = \{15_1, 8_0, 18_1\} & C_1 = \{0_1, 1_0\} & C_2 = \{0_0, 5_0\} \\ C_3 = \{5_1, 7_1\} & C_4 = \{1_1, 8_1\} & C_5 = \{2_0, 11_0\} \\ C_6 = \{2_1, 17_1\} & C_7 = \{12_0, 16_1\} & C_8 = \{14_1, \infty_1\} \\ C_9 = \{16_0, \infty_2\} & C_{10} = \{11_1, \infty_3\} & C_{11} = \{18_0, \infty_4\} \\ C_{12} = \{13_1, \infty_5\} & C_{13} = \{15_0, \infty_6\} & C_{14} = \{6_0, \infty_7\} \\ C_{15} = \{6_1, \infty_8\} & C_{16} = \{10_1, \infty_9\} & C_{17} = \{12_1, \infty_{10}\} \\ C_{18} = \{9_1, \infty_{11}\} & & \end{array}$$

A  $((\mathbb{Z}_{23} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{5_1, 13_0\} & A_2 = \{6_0, 10_1\} & B_1 = \{13_1, 11_1\} \\ B_2 = \{18_0, 21_1\} & B_3 = \{16_0, 19_0\} & B_4 = \{16_1, 9_1\} \\ C_0 = \{10_1, 18_1, 12_0\} & C_1 = \{21_0, 4_0\} & C_2 = \{3_0, 17_1\} \\ C_3 = \{2_0, 7_1\} & C_4 = \{5_0, 10_0\} & C_5 = \{0_0, 1_0\} \\ C_6 = \{0_1, 4_1\} & C_7 = \{1_1, 11_0\} & C_8 = \{6_0, 15_0\} \\ C_9 = \{8_0, 20_1\} & C_{10} = \{3_1, 15_1\} & C_{11} = \{19_1, 20_0\} \\ C_{12} = \{2_1, \infty_1\} & C_{13} = \{5_1, \infty_2\} & C_{14} = \{14_0, \infty_3\} \\ C_{15} = \{22_0, \infty_4\} & C_{16} = \{9_0, \infty_5\} & C_{17} = \{14_1, \infty_6\} \\ C_{18} = \{6_1, \infty_7\} & C_{19} = \{8_1, \infty_8\} & C_{20} = \{22_1, \infty_9\} \\ C_{21} = \{12_1, \infty_{10}\} & C_{22} = \{13_0, \infty_{11}\} & \end{array}$$

A  $((\mathbb{Z}_{27} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{14_1, 26_0\} & A_2 = \{16_1, 13_0\} & B_1 = \{3_0, 9_1\} \\ B_2 = \{16_1, 2_1\} & B_3 = \{8_0, 11_0\} & B_4 = \{7_0, 6_0\} \\ C_0 = \{25_1, 8_1, 21_0\} & C_1 = \{9_0, 18_0\} & C_2 = \{24_0, 14_1\} \\ C_3 = \{18_1, 22_1\} & C_4 = \{16_0, 5_0\} & C_5 = \{23_0, 2_0\} \\ C_6 = \{6_1, 13_1\} & C_7 = \{17_0, 12_0\} & C_8 = \{24_1, 12_1\} \\ C_9 = \{0_0, 1_1\} & C_{10} = \{0_1, 19_0\} & C_{11} = \{4_1, 13_0\} \\ C_{12} = \{7_1, 15_1\} & C_{13} = \{1_0, 26_1\} & C_{14} = \{10_1, 15_0\} \\ C_{15} = \{17_1, 19_1\} & C_{16} = \{3_1, \infty_1\} & C_{17} = \{11_1, \infty_2\} \\ C_{18} = \{23_1, \infty_3\} & C_{19} = \{22_0, \infty_4\} & C_{20} = \{26_0, \infty_5\} \\ C_{21} = \{14_0, \infty_6\} & C_{22} = \{20_0, \infty_7\} & C_{23} = \{20_1, \infty_8\} \\ C_{24} = \{4_0, \infty_9\} & C_{25} = \{21_1, \infty_{10}\} & C_{26} = \{10_0, \infty_{11}\} \end{array}$$

A  $((\mathbb{Z}_{31} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{10_0, 22_1\} & A_2 = \{10_1, 26_0\} & B_1 = \{8_0, 1_0\} \\ B_2 = \{23_0, 5_0\} & B_3 = \{1_1, 28_1\} & B_4 = \{0_0, 25_0\} \\ C_0 = \{19_0, 7_0, 27_1\} & C_1 = \{3_1, 27_0\} & C_2 = \{29_0, 30_0\} \\ C_3 = \{23_1, 2_0\} & C_4 = \{24_0, 22_0\} & C_5 = \{26_1, 6_1\} \\ C_6 = \{9_0, 10_1\} & C_7 = \{30_1, 16_0\} & C_8 = \{5_1, 14_0\} \\ C_9 = \{13_0, 3_0\} & C_{10} = \{19_1, 21_0\} & C_{11} = \{11_1, 25_1\} \\ C_{12} = \{28_0, 2_1\} & C_{13} = \{0_1, 6_0\} & C_{14} = \{12_0, 20_0\} \\ C_{15} = \{17_0, 20_1\} & C_{16} = \{21_1, 24_1\} & C_{17} = \{9_1, 18_1\} \\ C_{18} = \{12_1, 17_1\} & C_{19} = \{4_0, 22_1\} & C_{20} = \{18_0, \infty_1\} \\ C_{21} = \{29_1, \infty_2\} & C_{22} = \{4_1, \infty_3\} & C_{23} = \{16_1, \infty_4\} \\ C_{24} = \{15_0, \infty_5\} & C_{25} = \{8_1, \infty_6\} & C_{26} = \{7_1, \infty_7\} \\ C_{27} = \{15_1, \infty_8\} & C_{28} = \{14_1, \infty_9\} & C_{29} = \{13_1, \infty_{10}\} \\ C_{30} = \{11_0, \infty_{11}\} & & \end{array}$$

A  $((\mathbb{Z}_{35} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{6_0, 22_1\} & A_2 = \{34_0, 5_1\} & B_1 = \{33_1, 28_0\} \\ B_2 = \{12_0, 34_0\} & B_3 = \{0_0, 5_0\} & B_4 = \{6_0, 27_0\} \\ C_0 = \{20_0, 7_1, 32_0\} & C_1 = \{11_0, 9_0\} & C_2 = \{17_0, 13_1\} \\ C_3 = \{12_1, 26_0\} & C_4 = \{26_1, 15_0\} & C_5 = \{22_0, 23_0\} \\ C_6 = \{14_0, 32_1\} & C_7 = \{14_1, 25_1\} & C_8 = \{24_0, 23_1\} \\ C_9 = \{33_0, 21_1\} & C_{10} = \{11_1, 8_1\} & C_{11} = \{8_0, 17_1\} \\ C_{12} = \{31_0, 25_0\} & C_{13} = \{6_1, 3_0\} & C_{14} = \{5_1, 9_1\} \\ C_{15} = \{10_1, 20_1\} & C_{16} = \{29_0, 10_0\} & C_{17} = \{1_1, 18_1\} \\ C_{18} = \{16_1, 18_0\} & C_{19} = \{4_1, 31_1\} & C_{20} = \{2_0, 30_0\} \\ C_{21} = \{0_1, 7_0\} & C_{22} = \{16_0, 24_1\} & C_{23} = \{4_0, 13_0\} \\ C_{24} = \{3_1, \infty_1\} & C_{25} = \{28_1, \infty_2\} & C_{26} = \{29_1, \infty_3\} \\ C_{27} = \{19_0, \infty_4\} & C_{28} = \{27_1, \infty_5\} & C_{29} = \{15_1, \infty_6\} \\ C_{30} = \{22_1, \infty_7\} & C_{31} = \{19_1, \infty_8\} & C_{32} = \{34_1, \infty_9\} \\ C_{33} = \{2_1, \infty_{10}\} & C_{34} = \{30_1, \infty_{11}\} & \end{array}$$

A  $((\mathbb{Z}_{45} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{array}{lll} A_1 = \{17_0, 40_1\} & A_2 = \{8_0, 24_1\} & B_1 = \{19_0, 10_0\} \\ B_2 = \{21_1, 9_0\} & B_3 = \{35_0, 12_0\} & B_4 = \{3_0, 28_0\} \\ C_0 = \{13_0, 11_0, 9_1\} & C_1 = \{0_0, 14_0\} & C_2 = \{5_0, 33_0\} \\ C_3 = \{10_1, 44_0\} & C_4 = \{25_0, 22_0\} & C_5 = \{28_1, 36_0\} \\ C_6 = \{30_0, 40_0\} & C_7 = \{42_1, 34_1\} & C_8 = \{40_1, 36_1\} \\ C_9 = \{27_0, 24_1\} & C_{10} = \{11_1, 0_1\} & C_{11} = \{32_0, 12_1\} \\ C_{12} = \{29_1, 24_0\} & C_{13} = \{29_0, 8_1\} & C_{14} = \{22_1, 8_0\} \\ C_{15} = \{25_1, 42_0\} & C_{16} = \{31_0, 41_1\} & C_{17} = \{27_1, 1_0\} \\ C_{18} = \{14_1, 21_0\} & C_{19} = \{18_1, 13_1\} & C_{20} = \{18_0, 34_0\} \\ C_{21} = \{37_1, 19_1\} & C_{22} = \{33_1, 7_1\} & C_{23} = \{4_1, 43_0\} \\ C_{24} = \{15_0, 30_1\} & C_{25} = \{37_0, 5_1\} & C_{26} = \{23_0, 17_0\} \\ C_{27} = \{4_0, 31_1\} & C_{28} = \{16_1, 17_1\} & C_{29} = \{3_1, 35_1\} \\ C_{30} = \{32_1, 39_1\} & C_{31} = \{23_1, 38_1\} & C_{32} = \{6_1, 7_0\} \\ C_{33} = \{2_0, 26_0\} & C_{34} = \{15_1, \infty_1\} & C_{35} = \{20_0, \infty_2\} \\ C_{36} = \{38_0, \infty_3\} & C_{37} = \{20_1, \infty_4\} & C_{38} = \{26_1, \infty_5\} \\ C_{39} = \{16_0, \infty_6\} & C_{40} = \{44_1, \infty_7\} & C_{41} = \{1_1, \infty_8\} \\ C_{42} = \{2_1, \infty_9\} & C_{43} = \{43_1, \infty_{10}\} & C_{44} = \{41_0, \infty_{11}\} \end{array}$$

A  $((\mathbb{Z}_{49} \times \mathbb{Z}_2) \cup W_{11})$ -IGBTP-starter:

$$\begin{aligned}
A_1 &= \{41_1, 43_0\} & A_2 &= \{13_1, 40_0\} & B_1 &= \{12_0, 7_0\} \\
B_2 &= \{12_1, 13_0\} & B_3 &= \{21_0, 19_0\} & B_4 &= \{6_0, 20_0\} \\
C_0 &= \{6_1, 35_0, 25_0\} & C_1 &= \{46_0, 2_1\} & C_2 &= \{2_0, 31_0\} \\
C_3 &= \{47_0, 34_1\} & C_4 &= \{26_0, 47_1\} & C_5 &= \{20_1, 1_1\} \\
C_6 &= \{8_0, 19_1\} & C_7 &= \{22_0, 23_0\} & C_8 &= \{7_1, 18_1\} \\
C_9 &= \{40_0, 32_0\} & C_{10} &= \{45_0, 38_0\} & C_{11} &= \{33_0, 9_0\} \\
C_{12} &= \{0_0, 18_0\} & C_{13} &= \{29_0, 25_1\} & C_{14} &= \{21_1, 39_0\} \\
C_{15} &= \{43_1, 17_0\} & C_{16} &= \{46_1, 42_1\} & C_{17} &= \{29_1, 43_0\} \\
C_{18} &= \{10_0, 16_1\} & C_{19} &= \{40_1, 30_0\} & C_{20} &= \{11_1, 38_1\} \\
C_{21} &= \{26_1, 32_1\} & C_{22} &= \{3_1, 31_1\} & C_{23} &= \{11_0, 37_0\} \\
C_{24} &= \{41_0, 8_1\} & C_{25} &= \{0_1, 24_0\} & C_{26} &= \{4_0, 13_1\} \\
C_{27} &= \{5_1, 14_1\} & C_{28} &= \{3_0, 35_1\} & C_{29} &= \{33_1, 48_1\} \\
C_{30} &= \{15_1, 27_0\} & C_{31} &= \{15_0, 48_0\} & C_{32} &= \{4_1, 36_1\} \\
C_{33} &= \{16_0, 23_1\} & C_{34} &= \{5_0, 42_0\} & C_{35} &= \{36_0, 44_1\} \\
C_{36} &= \{41_1, 44_0\} & C_{37} &= \{27_1, 30_1\} & C_{38} &= \{9_1, \infty_1\} \\
C_{39} &= \{28_0, \infty_2\} & C_{40} &= \{37_1, \infty_3\} & C_{41} &= \{10_1, \infty_4\} \\
C_{42} &= \{45_1, \infty_5\} & C_{43} &= \{28_1, \infty_6\} & C_{44} &= \{24_1, \infty_7\} \\
C_{45} &= \{34_0, \infty_8\} & C_{46} &= \{39_1, \infty_9\} & C_{47} &= \{17_1, \infty_{10}\} \\
C_{48} &= \{22_1, \infty_{11}\}
\end{aligned}$$