attractors:
A1 = 00010000000000011100010
A2 = 00010000000000011110010
A3 = 00010000000010011100010
A4 = 00010000000010011110010
A5 = 00010000010000011100010
A6 = 00010000010000011110010
A7 = 00010000010010011100010
A8 = 00010000010010011110010
A9 = 011------0-10110000-101
A10 = 011------0-10110001-101
A11 = 011------0-11110000-101
A12 = 011------0-11110001-101
A13 = 011------1-10110000-101
A14 = 011------1-10110001-101
A15 = 011------1-11110000-101
A16 = 011------1-11110001-101
A17 = 10010000000000011100010
A18 = 10010000000000011110010
A19 = 10010000000010011100010
A20 = 10010000000010011110010
A21 = 10010000010000011100010
A22 = 10010000010000011110010
A23 = 10010000010010011100010
A24 = 10010000010010011110010
A25 = 111------0-10110000-101
A26 = 111------0-10110001-101
A27 = 111------0-11110000-101
A28 = 111------0-11110001-101
A29 = 111------1-10110000-101
A30 = 111------1-10110001-101
A31 = 111------1-11110000-101
A32 = 111------1-11110001-101