X0==0,
x1==0,
x2==0,
x3==0,
x4==0,
x5==0,
x6==0,
x7==0,
x8==0,
x9==0,

x0 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x2 + x30 + x32 + x34 + x36 + x38 + x3 + x41 + x43 + x45 + x47 + x49 + x4 + x5 + x6 + x7 + x8 + x9==1,

x0 + x10 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x2 + x31 + x33 + x35 + x37 + x39 + x3 + x40 + x42 + x44 + x46 + x48 + x4 + x5 + x6 + x7 + x8 + x9==0,

x0 + x10 + x11 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x2 + x30 + x32 + x34 + x36 + x38 + x3 + x41 + x43 + x45 + x47 + x49 + x4 + x5 + x6 + x7 + x8 + x9==0,

x0 + x10 + x11 + x12 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x2 + x31 + x33 + x35 + x37 + x39 + x3 + x40 + x42 + x44 + x46 + x48 + x4 + x5 + x6 + x7 + x8 + x9==0,

x0 + x10 + x11 + x12 + x13 + x15 + x16 + x17 + x18 + x19 + x1 + x2 + x30 + x32 + x34 + x36 + x38 + x3 + x41 + x43 + x45 + x47 + x49 + x4 + x5 + x6 + x7 + x8 + x9==0,

x0 + x10 + x11 + x12 + x13 + x14 + x16 + x17 + x18 + x19 + x1 + x2 + x31 + x33 + x35 + x37 + x39 + x3 + x40 + x42 + x44 + x46 + x48 + x4 + x5 + x6 + x7 + x8 + x9==0,

x0 + x10 + x11 + x12 + x13 + x14 + x15 + x17 + x18 + x19 + x1 + x2 + x30 + x32 + x34 + x36 + x38 + x3 + x41 + x43 + x45 + x47 + x49 + x4 + x5 + x6 + x7 + x8 + x9==0,

x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x18 + x19 + x1 + x2 + x31 + x33 + x35 + x37 + x39 + x3 + x40 + x42 + x44 + x46 + x48 + x4 + x5 + x6 + x7 + x8 + x9==1,

x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x19 + x1 + x2 + x30 + x32 + x34 + x36 + x38 + x3 + x41 + x43 + x45 + x47 + x49 + x4 + x5 + x6 + x7 + x8 + x9==0,

x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x1 + x2 + x31 + x33 + x35 + x37 + x39 + x3 + x40 + x42 + x44 + x46 + x48 + x4 + x5 + x6 + x7 + x8 + x9==0,

x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x3 + x40 + x42 + x44 + x46 + x48 + x5 + x7 + x9==0,

x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x20 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x2 + x41 + x43 + x45 + x47 + x49 + x4 + x6 + x8==0,

x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x20 + x21 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x3 + x40 + x42 + x44 + x46 + x48 + x5 + x7 + x9==0,

x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x20 + x21 + x22 + x24 + x25 + x26 + x27 + x28 + x29 + x2 + x41 + x43 + x45 + x47 + x49 + x4 + x6 + x8==0,

$$x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x20 + x21 + x22 + x23 + x25 + x26 + x27 + x28 + x29 + x3 + x40 + x42 + x44 + x46 + x48 + x5 + x7 + x9 == 0,$$

$$x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x20 + x21 + x22 + x23 + x24 + x26 + x27 + x28 + x29 + x2 + x41 + x43 + x45 + x47 + x49 + x4 + x6 + x8 == 0,$$

$$x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x20 + x21 + x22 + x23 + x24 + x25 + x27 + x28 + x29 + x3 + x40 + x42 + x44 + x46 + x48 + x5 + x7 + x9 == 0,$$

$$x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x28 + x29 + x2 + x41 + x43 + x45 + x47 + x49 + x4 + x6 + x8 == 0,$$

$$x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x1 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x29 + x3 + x40 + x42 + x44 + x46 + x48 + x5 + x7 + x9 == 0,$$

$$x0 + x10 + x11 + x12 + x13 + x14 + x15 + x16 + x17 + x18 + x19 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x2 + x41 + x43 + x45 + x47 + x49 + x4 + x6 + x8 == 0,$$

$$x0 + x11 + x13 + x15 + x17 + x19 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x2 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x4 + x6 + x8 == 0,$$

$$x10 + x12 + x14 + x16 + x18 + x1 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x30 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x3 + x5 + x7 + x9 == 0,$$

$$x0 + x11 + x13 + x15 + x17 + x19 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x2 + x30 + x31 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x4 + x6 + x8 == 0,$$

$$x10 + x12 + x14 + x16 + x18 + x1 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x30 + x31 + x32 + x34 + x35 + x36 + x37 + x38 + x39 + x3 + x5 + x7 + x9 == 0,$$

$$x0 + x11 + x13 + x15 + x17 + x19 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x2 + x30 + x31 + x32 + x33 + x35 + x36 + x37 + x38 + x39 + x4 + x6 + x8 == 0,$$

$$x10 + x12 + x14 + x16 + x18 + x1 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x30 + x31 + x32 + x33 + x34 + x36 + x37 + x38 + x39 + x3 + x5 + x7 + x9 == 0,$$

$$x0 + x11 + x13 + x15 + x17 + x19 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x2 + x30 + x31 + x32 + x33 + x34 + x35 + x37 + x38 + x39 + x4 + x6 + x8 == 0,$$

$$x10 + x12 + x14 + x16 + x18 + x1 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x38 + x39 + x3 + x5 + x7 + x9 == 0,$$

$$x0 + x11 + x13 + x15 + x17 + x19 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x2 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x39 + x4 + x6 + x8 == 0,$$

$$x10 + x12 + x14 + x16 + x18 + x1 + x20 + x21 + x22 + x23 + x24 + x25 + x26 + x27 + x28 + x29 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x3 + x5 + x7 + x9 == 0,$$

$$x10 + x12 + x14 + x16 + x18 + x21 + x23 + x25 + x27 + x29 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x41 + x42 + x43 + x44 + x45 + x46 + x47 + x48 + x49 == 0,$$

$x11 + x13 + x15 + x17 + x19 + x20 + x22 + x24 + x26 + x28 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x42 + x43 + x44 + x45 + x46 + x47 + x48 + x49 == 0,$

$x10 + x12 + x14 + x16 + x18 + x21 + x23 + x25 + x27 + x29 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x43 + x44 + x45 + x46 + x47 + x48 + x49 == 0,$

$x11 + x13 + x15 + x17 + x19 + x20 + x22 + x24 + x26 + x28 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x42 + x44 + x45 + x46 + x47 + x48 + x49 == 0,$

$x10 + x12 + x14 + x16 + x18 + x21 + x23 + x25 + x27 + x29 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x42 + x43 + x45 + x46 + x47 + x48 + x49 == 0,$

$x11 + x13 + x15 + x17 + x19 + x20 + x22 + x24 + x26 + x28 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x42 + x43 + x44 + x46 + x47 + x48 + x49 == 0,$

$x10 + x12 + x14 + x16 + x18 + x21 + x23 + x25 + x27 + x29 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x42 + x43 + x44 + x45 + x47 + x48 + x49 == 0,$

$x11 + x13 + x15 + x17 + x19 + x20 + x22 + x24 + x26 + x28 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x42 + x43 + x44 + x45 + x46 + x48 + x49 == 0,$

$x10 + x12 + x14 + x16 + x18 + x21 + x23 + x25 + x27 + x29 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x42 + x43 + x44 + x45 + x46 + x47 + x49 == 0,$

$x11 + x13 + x15 + x17 + x19 + x20 + x22 + x24 + x26 + x28 + x30 + x31 + x32 + x33 + x34 + x35 + x36 + x37 + x38 + x39 + x40 + x41 + x42 + x43 + x44 + x45 + x46 + x47 + x48 == 0$