A = -225.72 A = 11100001.101 = 1.011100001101 \* 2^9

B = 361.78 B = 101101001.110 = 0.101101001110 \* 2^9

mA = 1.100011110011 |mA| = 011100001101

mB = 0.101101001110 |mB| = mB

011100001101

101101001110

011100001101

011100001101

10001101000001

011100001101

100110110001111

011100001101

10011110101001001

011100001101

10011111000101010101

011100001101

100111110100110110111

011100001101

0.10011111010110111101001 = 81591.281

-225.72 \* 361.78 =-81660.9816

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | T | T + 1 |  |  |  |  |
|  | x1x2 | Q3Q2Q1Q0 | Q3Q2Q1Q0 | J3K3 | J2K2 | J1K2 | J0K0 |
| dreapta | 0 0 | Q3Q2Q1Q0 |  | Q3 | Q3 | Q2 | Q1 |
| stinga | 0 1 | Q3Q2Q1Q0 |  | Q3 | Q2 | Q0 | 0 1 |
| CT | 11 | 0 0 0 0 | 0 0 0 1 | 0 \* | 0 \* | 0 \* | 1 \* |
| 0 0 0 1 | 0 0 1 0 | 0 \* | 0 \* | 1 \* | \* 1 |
| 0 0 1 0 | 0 0 1 1 | 0 \* | 0 \* | \* 0 | 1 \* |
| 0 0 1 1 | 0 1 0 0 | 0 \* | 1 \* | \* 1 | \* 1 |
| 0 1 0 0 | 0 1 0 1 | 0 \* | \* 0 | 0 \* | 1 \* |
| 0 1 0 1 | 0 1 1 0 | 0 \* | \* 0 | 1 \* | \* 1 |
| 0 1 1 0 | 0 1 1 1 | 0 \* | \* 0 | \* 0 | 1 \* |
| 0 1 1 1 | 1 0 0 0 | 1 \* | \* 1 | \* 1 | \* 1 |
| 1 0 0 0 | 1 0 0 1 | \* 0 | 0 \* | 0 \* | 1 \* |
| 1 0 0 1 | 1 0 1 0 | \* 0 | 0 \* | 1 \* | \* 1 |
| 1 0 1 0 | 1 0 1 1 | \* 0 | 0 \* | \* 0 | 1 \* |
| 1 0 1 1 | 1 1 0 0 | \* 0 | 1 \* | \* 1 | \* 1 |
| 1 1 0 0 | 1 1 0 1 | \* 0 | \* 0 | 0 \* | 1 \* |
| 1 1 0 1 | 0 0 0 0 | \* 1 | \* 1 | 0 \* | \* 1 |
| 1 1 1 0 | 0 0 0 0 | \* 1 | \* 1 | \* 1 | 0 \* |
| 1 1 1 1 | 0 0 0 0 | \* 1 | \* 1 | \* 1 | \* 1 |

***J3 K3***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 |  |  | \* | \* |
| 0 1 |  |  | \* | \* |
| 1 1 |  | 1 | \* | \* |
| 1 0 |  |  | \* | \* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 | \* | \* |  |  |
| 0 1 | \* | \* | 1 |  |
| 1 1 | \* | \* | 1 |  |
| 1 0 | \* | \* | 1 |  |

J3 = Q1Q2Q0x1x2 + Q3 Q3 + Q2x2 K3 = (Q2Q0 + Q2Q1)x1x2 + + x2

***J2 K2***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 |  | \* | \* |  |
| 0 1 |  | \* | \* |  |
| 1 1 | 1 | \* | \* | 1 |
| 1 0 |  | \* | \* |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 | \* |  |  | \* |
| 0 1 | \* |  | 1 | \* |
| 1 1 | \* | 1 | 1 | \* |
| 1 0 | \* |  | 1 | \* |

J2 = Q1Q0x1x2 + Q3 + Q1 K2 = (Q3Q0 + Q1Q0 + Q3Q1) + + x2

***J1 K1***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 |  |  |  |  |
| 0 1 | 1 | 1 |  | 1 |
| 1 1 | \* | \* | \* | \* |
| 1 0 | \* | \* | \* | \* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 | \* | \* | \* | \* |
| 0 1 | \* | \* | \* | \* |
| 1 1 | 1 | 1 | 1 | 1 |
| 1 0 |  |  | 1 |  |

J1 = (Q0 + Q0)x1x2 + Q2 + Q0 x2 K1 = (Q3Q2+Q0)x1x2 + + x2

***J0 K0***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 | 1 | 1 | 1 | 1 |
| 0 1 | \* | \* | \* | \* |
| 1 1 | \* | \* | \* | \* |
| 1 0 | 1 | 1 |  | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | 0 0 | 0 1 | 1 1 | 1 0 |
| 0 0 | \* | \* | \* | \* |
| 0 1 | 1 | 1 | 1 | 1 |
| 1 1 | 1 | 1 | 1 | 1 |
| 1 0 | \* | \* | \* | \* |

J0 = + + Q3)x1x2 + Q1 K0 = x1x2 + +