

作业1:

1. 求原码、补码、反码

(1) $+0.10110110$

原码: 0.10110110 补码: 0.10110110

反码: 0.10110110

(2) -0.10000010

原码: 1.10000010 补码: 1.01111110

反码: 1.01111101

2. 按原码、补码、反码计算下面式子

(1) $0.11010011 + -0.00110101$

$= [0.11010011]_{\text{补}} + [-0.00110101]_{\text{补}}$

$= 0.11010011 + 1.11001011$

$= 0.10011110$ 转为原码

$= 0.10011110$

0.11010011

1.11001011

$\hline 10.10011110$

溢出

(2) $+0.10000001 + 0.00101111$

$= [0.10000001]_{\text{补}} + [0.00101111]_{\text{补}}$

$= 0.10000001 + 0.00101111$

$= 0.10110000$ 转为原码

$= 0.10110000$

0.10000001

0.00101111

$\hline 0.10110000$

