```
UZ(B) = \( \frac{1}{2} \) \( \text{Si} \)
                                   0010.1011
FZ(B) = \begin{cases} x & z^{2} \times B; \end{cases}
                                   2 + 1/2 + 1/8 + 1/16
                                    = 2,6875
  fixed-point binary number
                                                        2,5
                                                        2.0
10111 =7 0111 01111 =7 1000

10111 =7 1111
N= sign & magnitude, exponent
         (-1) 5 - x × - x - x - m = 2
 (S, , m, , e, ) * (Sz, mz, ez)
 = (s, x sz, m, x mz, e, +cz)
(-1) 51 (m,) (ze1) x(-1) 32/(mz) (zez)
32-bit ~ 18 trillian
           29 trillian positive
             4.5 tril + [0,17
```

