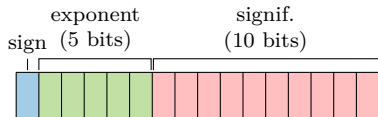


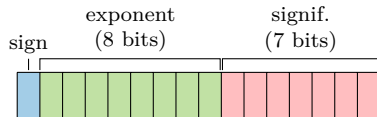
fp32

Range  $10^{\pm 38}$ ,  $u = 6 \times 10^{-8}$



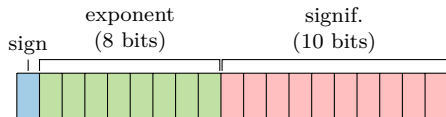
fp16

Range  $10^{\pm 5}$ ,  $u = 5 \times 10^{-4}$



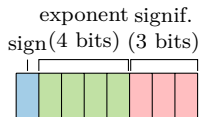
bfloat16

Range  $10^{\pm 38}$ ,  $u = 4 \times 10^{-3}$



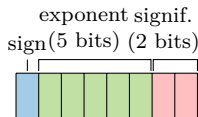
tfloat32

Range  $10^{\pm 38}$ ,  $u = 5 \times 10^{-4}$



fp8 (E4M3)

Range  $10^{\pm 2}$ ,  $u = 6 \times 10^{-2}$



fp8 (E5M2)

Range  $10^{\pm 5}$ ,  $u = 1 \times 10^{-1}$