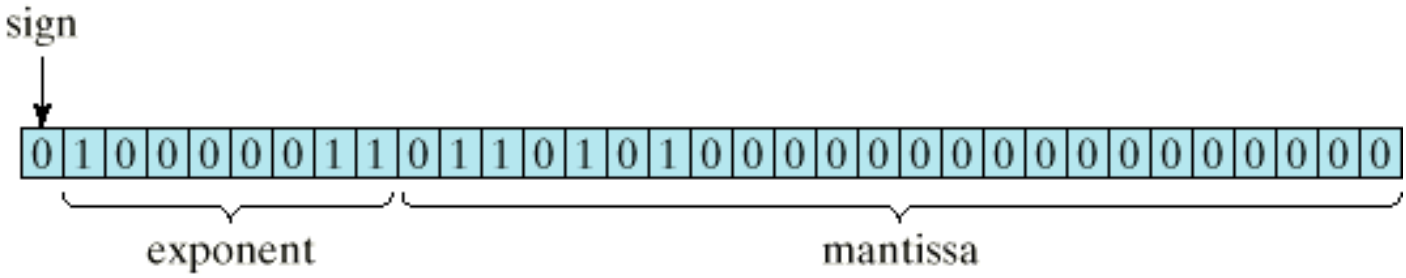
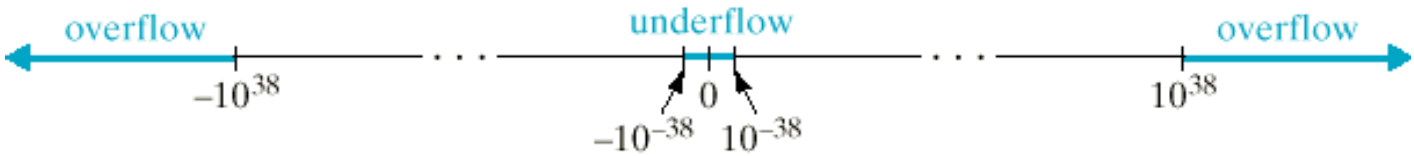
IEEE floating-point representation of 22.625 as single-precision data:



Floating-point overflow and underflow: