

# IEEE Floating Point Arithmetic: Tutorials



# IEEE Floating Point Addition

◇ Perform the addition for

◇  $12.25 + 2.75$

◇  $115.375 + 20$

# IEEE Floating Point Subtraction

- ◆ Perform the subtraction for
  - ◆  $12.25 - 2.75$
  - ◆  $115.375 - 120$

# IEEE Floating Point Multiplication

◇ Perform the multiplication for

◇  $12.25 * 2.75$

◇  $7.125 * (-2.375)$

# IEEE Floating Point Division

- ◆ Perform the division for

- ◆  $12.50 \div 4.5$

- ◆  $7.5 \div 2$



Thank You