

## **0.1 Fraction rules**

### **0.1.1 Addition**

$$\frac{A}{B} + \frac{C}{D} = \frac{AD+BC}{BD}$$

### **0.1.2 Multiplication**

$$\frac{A}{B} \frac{C}{D} = \frac{AC}{BD}$$

### **0.1.3 b Scaler addition**

$$C + \frac{A}{B} = \frac{BC+A}{B}$$

### **0.1.4 Scaler multiplication**

$$C \frac{A}{B} = \frac{AC}{B}$$

### **0.1.5 Other**

$$\frac{A+B}{C} = \frac{A}{C} + \frac{B}{C}$$

$$\frac{A}{B} = \frac{AC}{BC}$$