Typesetting Mathematics in LaTeX

Mradul Sonkar

March 20, 2025

Fractions

The equation is given by:
$$ab + cd = ad + bc$$

Integrals

The integral is given by:
$$\int_a^b f(x)dx$$

Here a and b are lower and upper limits of the integral respectively.

Matrices

The matrix is given by:
$$\begin{bmatrix} a & b & c & d \\ a & c & b & d \end{bmatrix}$$