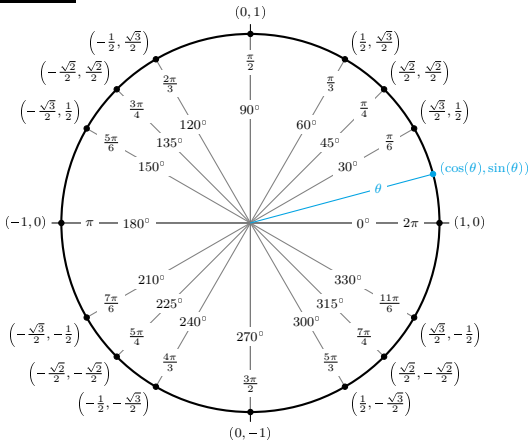


Analysis

Trigonometrie



Integrale

Substitution

Normale Substitution

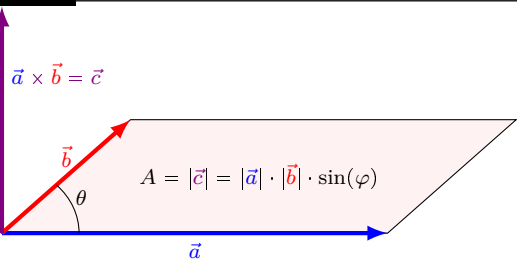
$$\int_a^b f(x) dx \quad | \quad \begin{aligned} u(x) &= f(x) \\ u'(x) &= f'(x) \\ du &= u'(x) \cdot dx \end{aligned}$$
$$\int_{u(a)}^{u(b)} u(x) \frac{1}{u'(x)} du \quad | \quad dx = \frac{1}{u'(x)} \cdot du \quad (1)$$

Umgekehrte Substitution

Flächen-Integrale

Lineare Algebra

Vektoranalysis



Variablenabbe

Übungsaufgaben