

section 01

liqh

July 10, 2025

Contents

1	elementary functions	1
----------	-----------------------------	----------

1 elementary functions

$y = e^x; y = \ln(x); y = x^n; y = \sin x, y = \cos x; y = \tan x; y = \arcsin x; y = \arccos x; y = \arctan x; y = \sinh x; y =$
(1)

$$(f \pm g) = f(x) \pm g(x), x \in D$$

$$\left(\frac{f}{g}\right)(x) = \frac{f(x)}{g(x)}, x \in D \setminus \{x | g(x) = 0, x \in D\}$$