



Department of Medical Informatics University of Szeged

Mathematica Demos

Mathematics for Pharmacy students

Table of Contents

Elementary functions

[Power functions](#)

[Trigonometric functions](#)

[Properties of trig. functions](#)

[Elementary transformations](#)

[Logarithmic transformations, logarithmic plots](#)

Experimental data, curve fitting

[Simple data manipulations](#)

Derivative

[Graphical meaning of the derivative](#)

[Different functions with the same derivative](#)

[Different functions with the same second derivative](#)

Integral

[Indefinite integral](#)

Definite integral

Applications in pharmacy

[Repeated drug dosing](#)

[Chemistry](#)

References

[Web sites](#)