LATEX PREAMBULA

\documentclass[a4paper,12pt]{article}

\usepackage[slovene]{babel}

\usepackage{amsfonts,amssymb,amsmath,mathrsfs,amsthm}

\usepackage[utf8]{inputenc}

\usepackage[T1]{fontenc}

\usepackage{url}

\usepackage{hyperref} -POVEZAVE

**Amsmath-align,multiline,equation**

\usepackage{amsmath}

**Za povezave in za slike**

**\usepackage{url}**

**\usepackage{graphicx}**

**Dodajanje tikz slike: \input{tikzfile.tex}**

{\theoremstyle{plain}

\newtheorem{izrek}{Izrek}}

{\theoremstyle{definition}

\newtheorem{definicija}{Definicija}}

CASES

\begin{align\*}

            f(x,y) = \begin{cases}

                \frac{3x^2y-y^3}{x^2+y^2}; & (x,y)\neq(0,0), \\

                a; & (x,y)=(0,0).

             \end{cases}

        \end{align\*}

\[

f(x) =

\begin{cases}

-1 & \text{če $x < 1$,} \\

x & \text{če $-1 \leq x \leq 1$,} \\

1 & \text{če $1 < x$.}

\end{cases}

\]

EQUATION

\begin{equation\*}

\left[

\begin{matrix}

x\_{1,1} & x\_{1,2} & \cdots & x\_{1,n} \\

x\_{2,1} & x\_{2,2} & \cdots & x\_{2,n} \\

\vdots & \vdots & \ddots & \vdots \\

x\_{n,1} & x\_{n,2} & \cdots & x\_{n,n}

\end{matrix}

\right]

\end{equation\*}

ALIGN

\begin{align\*}

y &= x^2 - 3|x| + 2 &y &= 3 \sin(\pi+x) - 2 \\

y &= \log\_2(x-2) + 3 &y &= 2 \sqrt{x^2+15} + 6 \\

y &= 2^{x-3} + 1 &y &= \cos(x-3) + \sin^2(x+1) \\

\end{align\*}