Contents

1 Complexity Classes

P, NP and APX are some complexity classes. Clever spacing (NP-complete), inline math mode (P $\subseteq$ NP) and display style

$$P \neq \textsc{ExpTime}$$

are supported.
There is also

- $k\textsc{ExpTime}$

- N$k\textsc{ExpTime}$

- 4$\textsc{ExpTime}$

- N4$\textsc{ExpTime}$

- $k\textsc{ExpSpace}$

- 5$\textsc{ExpSpace}$

```
\PTime, \NP and
    \complclass{APX} are some
    complexity classes.
Clever spacing (\NP-complete),
inline math mode ($\PTime
    \subseteq \NP$)
and display style
\[
        \PTime \neq \ExpTime
\]
are supported.

There is also
\begin{itemize}
        \item \kExpTime
        \item \NkExpTime
        \item \kExpTime[4]
        \item \NkExpTime[4]
        \item \kExpSpace
        \item \kExpSpace[5]
\end{itemize}
```
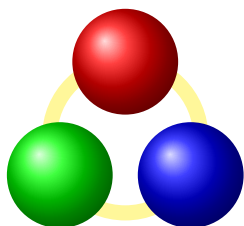
A About this document

```
\begin{latex-example}[lefthand width=3.5cm]{Test123}
\begin{tikzpicture}
\path[fill=yellow!50!white] (0,0) circle (11mm);
\path[fill=white] (0,0) circle (9mm);
\foreach \w/\c in {90/red,210/green,330/blue}
{\path[shading=ball,ball color=\c] (\w:1cm) circle (7mm);}
\end{tikzpicture}
\end{latex-example}
```

Test123


```
\begin{tikzpicture}

\path[fill=yellow!50!white]
(0,0) circle (11mm);
    \path[fill=white] (0,0)
circle (9mm);
    \foreach \w/\c in
{90/red,210/green,330/blue}

{\path[shading=ball,ball
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(7mm);}
    \end{tikzpicture}
```