1 New function cond

cond

2 For adding .py files

3 New variable

4 Command with multi arguments

$\langle test1, test2 \rangle$

5 Cicled numbers (using tikz)

5.1 with aligment

① ② ③

5.2 out of aliegnment

①

6 Equal with def

$1 \overset{\mathsf{def}}{=} 2$

7 Text over sign

$A \overset{\mathsf{text}}{\approx} B$

8 Overbrace with text

$\overbrace{a+b+c}^{d} \qquad \underbrace{a+b+c}_{d}$

9 hrule

---

10 Font

11 Multi line comment

12 Color

colored text!!

13 Symbolic footnotes

test[*]

14 Hyperref PDF-Links

Test
Go to 14
To generate **PDF-bookmarks** for each section click the Rebuild button three times to generate link files and update references.
Note: sections must be numbered.
Links:
See more at Bookmarks PDF
See more at Wikibooks LATEX- Hyperref

15 Supperpress sectionnumbering

No need to write `section*` each time to avoid section numbering.

16 Lists

16.1 With letters

   a. first

   b. second

   c. third

17 Framed

> framed text using framed package

18 Cases

$$c'' : E \to \mathbb{R} \text{ mit } c''(e) = \begin{cases} 2c(e) & \text{, falls } e = (v, w) \text{ mit } v \in S, w \in V \backslash S \\ c(e) & \text{, sonst} \end{cases}$$
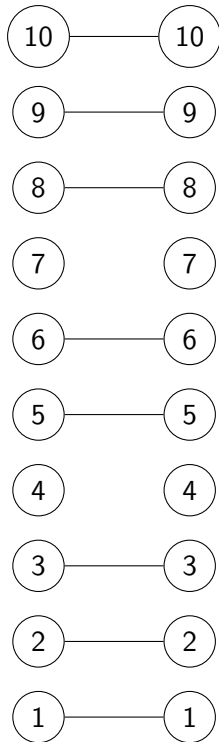
---

[*]test

19 Include another latex file

Hi from another file :P

20 If with xifthen packge

10 —— 10

9 —— 9

8 —— 8

7   7

6 —— 6

5 —— 5

4   4

3 —— 3

2 —— 2

1 —— 1

21 Better graphics package for `includegraphics`

Like avoid showing file name in graph
Solve space in filename issue

usepackage{grffile}

22 Indent env.
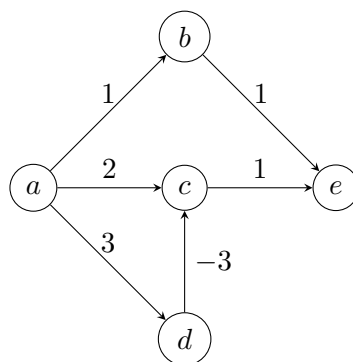
\usepackage{enumitem}

left aligned text

One first item

Two second item

Three third item

23 Sample TikZ Diagram

24 Generate ipsum dummy text

See more textblog

```
\usepackage{lipsum}
\lipsum
\lipsum[x]
\lipsum[x-y]
```

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.