Omri Bornstein
0000-0001-8645-6321

Template

Pandoc

14/11/2021

omribor@gmail.com

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Source Code

- lst. 1:

Listing 1 A Go code block

```go
import "fmt"

func main() {
    fmt.Println("Hello, word! → ⇒ ⩽ ⩾ ≠")
}
```

- lst. 2

Listing 2 A Rust code block

```rust
fn main() {
    println!("Hello, word! → ⇒ ⩽ ⩾ ≠")
}
```

Math Equations

$$x_{1,2} = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$\left[\begin{array}{cc|c} 1 & 2 & 3 \\ 4 & 5 & 6 \\ \cancel{7} & 8 & 9 \end{array}\right]$$

$$y = \begin{cases} x + 3 & \text{if } x \geq 20 \\ \frac{\sin^2\left(\sqrt[43]{e^x + \cos(x)}\right)}{\ln(x-3)} & \text{if } x \neq 90 \end{cases}$$

Lists

1. First

    1. nested first
        1. nested second
            1. forth

2. Second

3. First

    (a) nested first
        i. nested second
            A. forth

4. Second

- first
    – second
        ∗ third
            · forth

Diagrams

- A TikZ diagram:

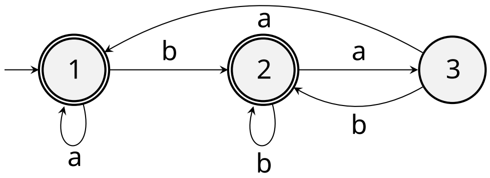
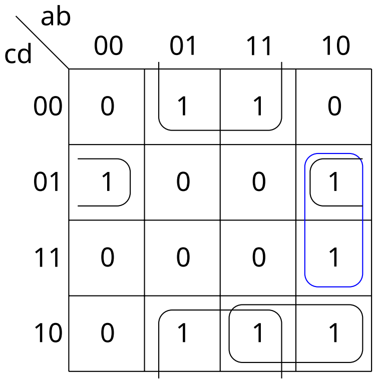


Figure 1: Finite Automaton that accepts only those words that **do not** end in *ba*

- A Karnaugh map:



cd \ ab	00	01	11	10
00	0	1	1	0
01	1	0	0	1
11	0	0	0	1
10	0	1	1	1

Figure 2: A Karnaugh map