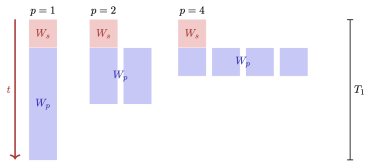
Markdown Conversion Test

Juri Pfammatter,

1 markdown conversion test

1.1 Header 1

Text small image:

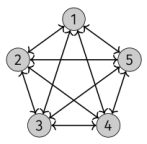


medium image:

Input: Positiv gewichteter Graph $G = (V, E, c)$, Startpunkt $s \in V$, Endpunkt $t \in V$, Schätzung $\widehat{h}(v) \leq \delta(v, t)$
Output: Existenz und Wert eines kürzesten Weges von s nach t

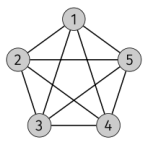
foreach $u \in V$ **do**
  $d[u] \leftarrow \infty$; $\widehat{f}[u] \leftarrow \infty$; $\pi[u] \leftarrow$ null
$d[s] \leftarrow 0$; $\widehat{f}[s] \leftarrow \widehat{h}(s)$; $U \leftarrow \{s\}$; $K \leftarrow \{\}$
while $U \neq \emptyset$ **do**
  $u \leftarrow \text{ExtractMin}_{\widehat{f}}(U)$; $K \leftarrow K \cup \{u\}$
  if $u = t$ **then return** success
  foreach $v \in N^+(u)$ with $d[v] > d[u] + c(u, v)$ **do**
    $d[v] \leftarrow d[u] + c(u, v)$; $\widehat{f}[v] \leftarrow d[v] + \widehat{h}(v)$; $\pi[v] \leftarrow u$
    $U \leftarrow U \cup \{v\}$; $K \leftarrow K \setminus \{v\}$
return failure

large image



$E \subseteq V \times V$

- ohne Schleifen (loops): $0 \leq |E| \leq |V|(|V| - 1)$
- mit Schleifen (loops): $0 \leq |E| \leq |V|^2$



$E \subseteq \{\{u, v\} \mid u, v \in V\}$

- ohne Schleifen (loops): $0 \leq |E| \leq \binom{|V|}{2} = \frac{|V|(|V|-1)}{2}$
- mit Schleifen (loops): $0 \leq |E| \leq \frac{|V|(|V|+1)}{2}$

1.1.1 Header 2

Text `code line`

```
C++
Code Block
```

- items
- items

¿ indent

1. first
2. second
3. third

1.1.1.0 Header 3

Text