

TUD Official 2025 — Brilliantblau Theme

Clean footline, geometric accent

Group A / member

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Bullets & Math

Item: Clean white background with TU blue accents inspired by TU Dresden's visual identity [1].

Note: Readable footline; total pages + pages left in the header [2].

Inline math: $f(x) = x^2$, bold vector $\mathbf{v} \in \mathbb{R}^3$.

Displayed integral:

$$\int_0^1 x^m dx = \frac{1}{m+1}, \quad m > -1.$$

Blocks

Strong statement

Clean block environments; titles use TU blue with white text.

Example

Use white titles with blue text for helpful tips.

Pseudocode

Algorithm 1 Greedy Selection (toy)

Require: set S , score $w(\cdot)$, budget k

Ensure: subset A

```
1:  $A \leftarrow \emptyset$ 
2: while  $|A| < k$  do
3:    $x \leftarrow \arg \max_{y \in S \setminus A} w(y)$ 
4:    $A \leftarrow A \cup \{x\}$ 
5: end while
6: return  $A$ 
```

Table

Table 1: Tiny example with booktabs.

Method	Accuracy	Time (s)
A	0.92	12.3
B	0.89	9.8

Figure



Figure 1: Example figure (use example-graph) [3].

Listings

Listing 1: Simple Python snippet

```
def f(x: float) -> float:  
    return x*x + 1.0  
  
print(f(2.0))
```

Bibliography I

- 1 George B. Dantzig. "Linear Programming and Extensions". In: *The RAND Corporation* (1951)
- 2 Claude Berge. *Graphs and Hypergraphs*. North-Holland, 1963
- 3 Edsger W. Dijkstra. "A Note on Two Problems in Connexion with Graphs". In: *Numerische Mathematik*. 1959, pp. 269–271