

# Poster-Test (tcolorbox) – Nr. 1

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The diagram illustrates a 5x3 grid layout for a LaTeX poster, with columns labeled col1, col2, and col3, and rows labeled row1 to row5. The layout is defined by a grid of boxes and their spanning properties.

- Row 1:**
  - col1: Box titled "Titel 1" containing text "etwas Text etwas Text etwas Text etwas Text etwas Text etwas Text etwas Text etwas Text etwas Text etwas Text". A label "A" is centered in the box.
  - col2: Empty.
  - col3: Box titled "Titel 2" containing "X" in the top-left and bottom-right corners. A label "B" is centered in the box.
- Row 2:**
  - col1 and col2: Box titled "Titel 3" containing text "column=1,row=2,span=2". A label "C" is centered in the box.
  - col3: "X" in the top-left and bottom-right corners.
- Row 3:**
  - col1, col2, and col3: A single box titled "Paketbeschreibung" containing text "column=1,row=3,span=3,rowspan=2".
- Row 4:**
  - col1 and col2: Box titled "Makros" containing text "\posterSet: Setzt Parameter zur Boxenpositionierung:" followed by a list of options:
    - showframe=true\false|
    - columns=n: Anzahl der Spalten
    - rows=n: Anzahl der Zeilen
    - spacing=n: Abstand zwischen den Boxen
  - col3: Box titled "Boxparameter" containing text "\begin{posterboxenv}% [adjusted title=Blabla,text fill]% {name=ABC,column=x,row=y,span=m,rowspan=n}|" followed by a list of parameters:
    - »adjusted title=«: Titel
    - »text fill«: Verhalten wie »minipage
    - »name=«: Knotenname für Relationen
    - »column=x,row=y«: Position auf dem Raster
    - »span=m,rowspan=n«: Breite und Höhe
Näheres siehe Dokumentation zu »tcolorbox«. A label "D" is centered in the box.
- Row 5:**
  - col1: Box containing text "column=1,above=bottom" and "For all natural number  $n$  it holds: 
$$\sum_{i=1}^n i = \frac{n(n+1)}{2}.$$
 (1)".
  - col2 and col3: Box titled "Verweise" containing text "column=2,between=D and bottom,span=2" and a list item:
    - Thomas F. Sturm: The tcolorbox package, Library poster, S. 408–420, <http://mirrors.ctan.org/macros/latex/contrib/tcolorbox/tcolorbox.pdf>
A label "E" is centered in the box.

