

Discrete and Algorithmic Geometry

Julian Pfeifle, UPC, 2018

Sheet 3

due on Monday, December 3, 2018

- (1) [Ziegler, Exercise 6.9] Describe all 4-polytopes with 7 vertices. For this, use all the “visualization tools” that we have developed so far:
- Schlegel diagrams
 - Gale diagrams
 - Combinatorial descriptions (vertex-facet incidence matrices)
- and show how the various types of data correspond to each other.