

L^AT_EX Experiments

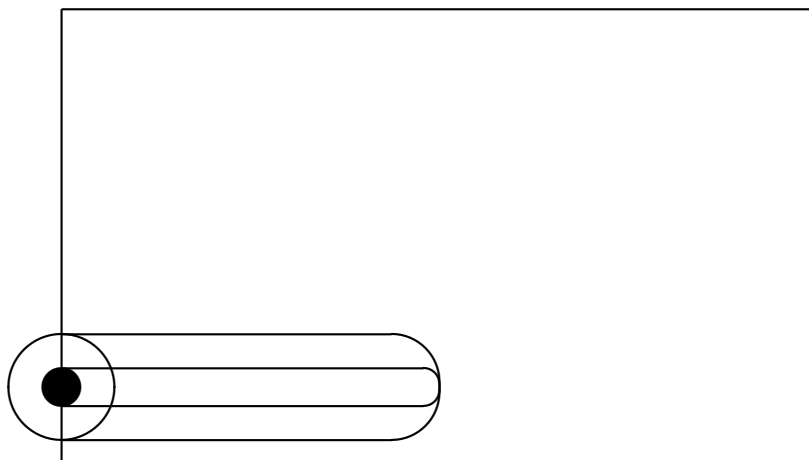
Part II: Pictures

AeAeA

January 23, 2020

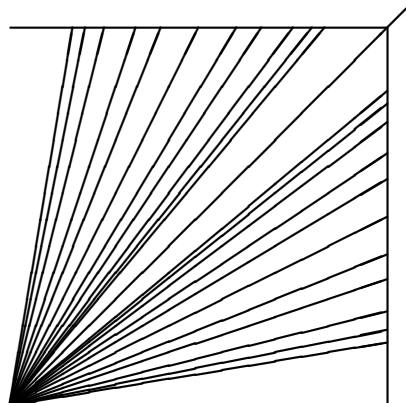
1 Picture environment

- <https://en.wikibooks.org/wiki/LaTeX/Picture>
- https://www.overleaf.com/learn/latex/Picture_environment



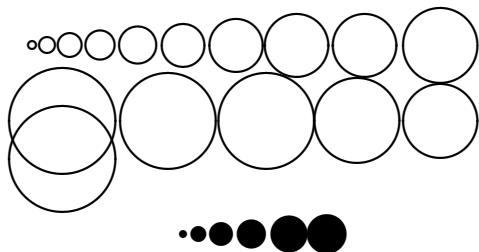
1.1 line

The components of the direction vector $(x1,y1)$ of the line segment `\line(x1,y1){length}` are restricted to the integers $(-6, -5, \dots, 5, 6)$ and they have to be coprime. The figure below illustrates all 25 possible slope values in the first quadrant.



1.2 circle

The picture environment only admits diameters up to approximately 14mm, and even below this limit, not all diameters are possible.



1.3 vector and qbezier

