Geometric Tools for Computer Graphics - MIRI
Lab exercise 3
Year 2019-2020 Q1

We want to compute the positions of two glasses of wine or champagne at the time of a toast, more or less like in the following images:

Assume, for simplicity, that the glasses are paraboloids of revolution. Choose the points in the glasses that you want to be in contact. Please, do not choose points in the top boundary of the glasses, and choose a different point in each glass.

Consider several methods to solve your problem (as many as you can), and compare both the results and the methods.