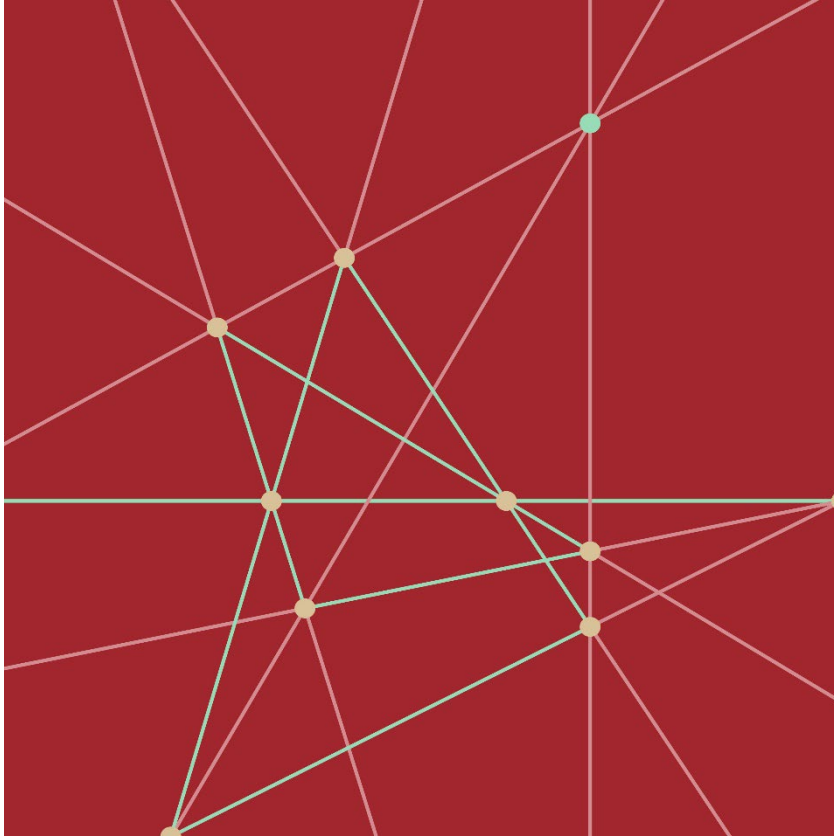# Desargues II

[The Pappus configuration](#) is a configuration of nine lines and nine points, such that three lines go through each point and three points are contained in each line. [Desargues](#) is a configuration of ten lines and ten points, such that three lines go through each point and three points are contained in each line. As a matter of fact, Pappus implies Desargues, see https://www.jstor.org/stable/2977023.

In [Desargues](#) the ten points are grouped together in a special way: two sets of three points are the vertices of two triangles, three points are on the line of perspectivity, and one point is the point of perspectivity. But the configuration is symmetric, each of the points can be seen as the point of perspectivity.