It is easy to construct operators which to a line arrangement (ie a finite number of lines in the plane) returns another line arrangement.

We will show that one can rephrase some classical theorems (Pappus, Pascal, Desargues...) as results on a peculiar operator Lambda.

We will then introduce a certain family of arrangements of six lines and show that this operator Lambda is a self-map on such family.

It is then a natural question to investigate the dynamic of Lambda on these arrangements and to study the line arrangements which are periodic.

As we will see these periodic line arrangements are related to the well-known and prominent examples: the Ceva line arrangements.

This talk may be attended by a large audience: the only prerequisite is to know what is a projective plane.