GEOMETRICIAN'S VIEWS

GRAPHE

RESEARCHER VIEW

A graph is a mathematical object used to represent relationships between different elements such as people, places or concepts. It consists of a set of points called vertices, some of which are connected by edges. Although the definition is simple on the surface, graph theory is a complex and fascinating field, full of open problems or problems solved after decades of hard work.

Graphs are present in our daily life, especially in social networks that can be represented as graphs where vertices are people and edges correspond to the links between them. Studying these graphs requires mathematical and algorithmic techniques that are relevant tools for processing complex data.

Researcher: **Bruno Teheux**

ARTISTIC VIEW

Graphs are representations used to solve many real-life problems. Graphs are used to represent networks. Networks can include paths in a city or a telephone network or circuit network. Graphs are also used in social networks such as linkedIn and Facebook.

Artiste : **Lola Fairise**

Common view

By mixing the two ideas, it was possible to create a work that visualizes the graph of a social network of a class from the processing carried out by the researcher Bruno Teheux.

Les Maths en Scène

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