

GEOMETRICIAN'S VIEWS

PERSPECTIVE



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RESEARCHER VIEW

Understanding the world in which we live in order to better interact with what surrounds us is a question that human beings have always asked themselves. Among the various means available, mathematics offers particularly effective tools for solving certain problems; for example, representing the objects we may encounter and/or use.

The word "perspective" is a word used in everyday language, usually in the singular. In mathematics, there are several perspectives! The two main ones are called "parallel perspective" and "vanishing point perspective". They refer to different models that allow us to obtain two-dimensional representations - on a flat surface - of objects in our three-dimensional world, each of these models being adapted to a specific purpose: mechanics, industry, architecture, decoration, painting, etc.

Researcher: Daniele Gérard

ARTISTIC VIEW

DeMon nom d'artiste est Pheno. Je vis de ma passion depuis 2010 de façon autodidacte. Dessin et peinture sont mes principaux médias, réalisés en atelier ou en extérieur. Je pratique en parallèle le graffiti depuis 2001. J'utilise l'art de la perspective, principalement bifocale, pour réaliser des vues de villes dans lesquelles l'œil se perd et observe les détails. J'ai partagé mes connaissances avec une classe de troisième afin qu'il puisse réaliser une maquette en 3D d'une écocité "idéale"

Artiste : Pheno



Common view

For centuries, painters have sought to represent landscapes, monuments and houses with figures. After long periods of trial and error, it was during the Renaissance that a scientific method was developed to obtain representations as close as possible to what we can perceive with our eyes, a method called vanishing point perspective. Leon Battista Alberti was a versatile Italian writer, philosopher, poet, mathematician and architect, and in 1435 he was the first to write a treatise, *De Pictura*, giving a theoretical presentation of this method. His work was taken up and completed at the end of the 15th and beginning of the 16th centuries by Flemish and German artists, including Dürer

