



# Análisis de las representaciones geométricas en los libros de texto [

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text (article)

Analítica

In this research, we analyze and classify the graphical images related to the teaching-learning of geometry appearing in textbooks. It focuses on the study of several aspects of the geometrical representations included in the Geometry units of the books. Some of the these aspects are the variety of representations used when introducing geometrical concepts, the elements of these figures which could lead to difficulties in the Geometry teaching-learning process, the plane representation of tridimensional figures and the real images that are used to refer to abstract geometrical elements. We develop a categorization that serves as an instrument of text analysis In this research, we analyze and classify the graphical images related to the teaching-learning of geometry appearing in textbooks. It focuses on the study of several aspects of the geometrical representations included in the Geometry units of the books. Some of the these aspects are the variety of representations used when introducing geometrical concepts, the elements of these figures which could lead to difficulties in the Geometry teaching-learning process, the plane representation of tridimensional figures and the real images that are used to refer to abstract geometrical elements. We develop a categorization that serves as an instrument of text analysis

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