

Friday 20 July 2018, 11:30-12:30

Room: Auditoria PA 113/PA 110

Theme 1: Theoretical and/or conceptual frameworks for integrating history and epistemology of mathematics in mathematics education

Hermeneutics and the Question of “How is Science Possible?”

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Abstract

In 1814, Wilhelm von Humboldt expressed the spirit of the hermeneutic culture of his time by saying that it is the task of science to search for the invisible within the visible. This is a nice expression for scientific research in general. How are we able to look so-to-speak behind the appearances? In the lecture we will explain some main ideas underlying hermeneutics and we will show that the above question can be a good guideline for reading with students ancient texts in astronomy; that is, texts at the interface of mathematics and science.
