



All Positive Action Starts with Criticism: Hans Freudenthal and the Didactics of Mathematics (Hardback)

By Sacha la Bastide-van Gemert

Springer, Netherlands, 2015. Hardback. Book Condition: New. 2015 ed.. 234 x 163 mm. Language: English . Brand New Book. This study provides a historical analysis of Freudenthal's didactic ideas and his didactic career. It is partly biographical, but also contributes to the historiography of mathematics education and addresses closely related questions such as: what is mathematics and where does it start? Which role does mathematics play in society and what influence does it have on the prevailing views concerning its accompanying didactics? Hans Freudenthal (1905-1990), professor in mathematics, scientist, literator, but above all mathematics-educator, was inextricably linked to the changes which took place in mathematics education and didactics during the second half of the last century. His diversity as a scientist and his inexhaustible efforts to establish the didactics of mathematics as a seriously pursued science, made Freudenthal's influence in this area considerable. He foresaw an essential, practical role for mathematics in everyone's life, encouraging students to discover and create mathematics themselves, instead of imposing a ready-made mathematical system. The theory of mathematics education thus developed in the Netherlands would gain world fame in the following decades. Today, in the light of the discussions about mathematics education,...

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