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Calculus Instructors' Resources, Orientations and Goals in Teaching Low Achieving Students.

Teaching and learning calculus has been the subject of mathematics education research for many years. Many research noted that calculus is acting as a filter to keep students from pursuing their fields of interest. The aim of this report is to explore the instructors' resources, orientations and goals in teaching calculus to low achieving students using Schoefeld's ROG framework. The results of the interviews show that although the professors thought differently about many aspects regarding teaching calculus, they all claimed that the first step to succeed in calculus courses is being prepared and having the right background. (Received September 16, 2013)