

**ZMATH 2000a.00271**

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**Routine problems and unusual situations. The problem of the volume of pyramids. (Problemas rutinarios y situaciones insólitas. El "caso" del volumen de la pirámide.)**

Números, No. 38, 21-31 (1999).

In this paper we are examining the results of a problem about an unusual situation which was presented to the students in contrast to an analogous routine problem. The particular case was to calculate the volume of a real pyramid. The task was assigned to students aged thirteen, good at solving the related formal problem. The students' responses and their choice of strategy are emphasised and analysed. (Authors' abstract)

*Classification:* D50