

**ZMATH 2004d.03440**

**de Agüero, Mercedes**

**Studying mathematical everyday working problems.**

Maasz, Juergen (ed.) et al., Learning mathematics to live and work in our world. Proceedings of the 10th international conference on adults learning mathematics, ALM 10, Strobl, Austria, June 29 – July 2, 2003. Linz: Universitätsverlag Rudolf Trauner (ISBN 3-85487-558-4). 68-77 (2003).

There are three main purposes for this study. First, to identify the characteristics of problem solving strategies used by a group of painters, in natural settings of everyday work of the construction industry in Mexico City. Second, to describe empirically and theoretically the way a group of painters mathematize everyday working problems in natural settings of their activity. Finally, to build a classification of the different individual and collective styles and strategies of mathematizing everyday working problems. The hypothesis is that adults develop mathematizing personal and collective strategies for solving problems in accordance to the way they are socially organised and in accordance to the activity they work on, to the particular culture.

*Classification:* F98