

**ZMATH 2014a.00359**

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**On some D in mathematics education: designation, denotation, description, definition, demonstration. Mathematical and didactical reflections for take away. (Su alcune D in didattica della matematica: designazione, denotazione, denominazione, descrizione, definizione, dimostrazione. Riflessioni matematiche e didattiche che possono portare lontano.)**

Boll. Docenti Mat. 64, 33-45 (2012).

Summary: In the habitual classroom actions there are delicate moments to which one doesn't pay attention due to a lack of competence; for example, one doesn't pay attention to the actions of designation or denotation (and connotation), denomination and description; while operations of definition and demonstration are much more kept under observation. In this short text, we want to draw attention on all these mathematical moments of great significance.

*Classification:* D20 C70 D30

*Keywords:* classroom actions; designation; denotation; denomination; description; demonstration