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**Teachers' mathematical discourse in instruction. Focus on examples and explanations.**

Venkat, Hamsa (ed.) et al., Exploring mathematics and science teachers' knowledge. Windows into teacher thinking. London: Routledge (ISBN 978-0-415-71387-0/hbk; 978-1-315-88309-0/ebook). 132-146 (2014).

From the text: The central concerns of this chapter are the examples and accompanying explanations teachers offer as they elaborate mathematical ideas in their classrooms. We contend that these two commonplace features of mathematics teaching are critical elements of what we have come to describe as teachers' mathematical discourse in instruction (MDI).

*Classification:* D40 C50 H20

*Keywords:* teaching; mathematical discourse; explanations; algebraic expressions