

ZMATH 2004a.00572

Carraher, David W.; Earnest, Darrell

Guess my rule revisited.

Pateman, Neil A. et al., Proceedings of the 27th Conference of the International Group for the Psychology of Mathematics Education held jointly with the 25th Conference of PME-NA. Vol. 1-4. ,. 173-180 (2003).

We present classroom research on a variant of the guess-my-rule game, in which nine year old students make up linear functions and challenge classmates to determine their secret rule. We focus on issues students and their teacher confronted in inferring underlying rules and in deciding whether the conjectured rule matched the rule of the creators. We relate the findings to the tension between semantically and syntactically driven algebraic reasoning.

Classification: H22 D42