

ZMATH 2007f.00368

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Limits of functions of two variables.

Coll. Math. J. 36, No. 4, 326-329 (2005).

Summary: A limit for (x, y) to (a, b) exists only when (x, y) approaches (a, b) over all curves that run through (a, b) . Two examples show that the meaning of "all" may lead to trouble.

Classification: I65

Keywords: limit; function of two variables; continuity

doi:10.2307/30044879