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**Conversion, change, transition ... in research about analysis.**

Hodgson, Bernard R. (ed.) et al., The didactics of mathematics: approaches and issues. A homage to Michèle Artigue. Cham: Springer (ISBN 978-3-319-26046-4/hbk; 978-3-319-26047-1/ebook). 87-121 (2016).

Summary: Research about analysis education is abundant, starting from the end of secondary school through the university level. This mathematical field, with its new objects, techniques, problems and queries, is indeed a source of difficulties for students. This chapter is concerned with change of all kinds: point of view, setting, register, stage, ... related to work in, and comprehension of, analysis. It focuses its attention on emblematic and central notions of analysis: real numbers, limits, functions, derivation and integration.

*Classification:* I10 C30

*Keywords:* research in mathematics education; transition; analysis

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