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Lance W Nielsen* (lnielsen@creighton.edu), Lance W. Nielsen, Dept. of Mathematics and Computer Science, Creighton University, Omaha, NE 68178. *A "Change of Variables" Theorem for Feynman's Operational Calculus - Preliminary Report.* Preliminary report.

In the setting of Feynman's operational calculus, the formation of functions of several noncommuting operators, we develop a "change of variables" theorem. This theorem simplifies some calculations done in the operational calculus and also promises to make the study of certain continuity problems of the operational calculus somewhat more straightforward. (Received September 29, 2000)