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Gerald W. Johnson* (gjohnson2@math.unl.edu), gjohnson2@math.unl.edu, Lincoln, Nebraska 68585, 68588-0130. *Disentangling in Feynman's operational calculi for non-commuting operators* *Disentangling in Feynman's operational calculi for* *Disentangling in Feynman's operational calculi for non-commuting operators.*

'Disentangling' is the central operation of Feynman's operational calculi for non-commuting operators. The point of this operation is to arrange the sums of products of the non-commuting operators in the 'right' way as governed by measures attached to the operators. Such calculations are often difficult to do. We will give, as time permits, some relatively simple examples where the disentangling can be carried out at least partially. Johnson (Received September 11, 2008)