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**Generalizations of non-commutative neutrix convolution products of functions.** (English)

Zbl 0907.46033

Georgian Math. J. 4, No. 5, 413-419 (1997).

Summary: The non-commutative neutrix convolution product of the functions  $x^r \cos_-(\lambda x)$  and  $x^s \cos_+(\mu x)$  is evaluated. Further similar non-commutative neutrix convolution products are evaluated and deduced.

**MSC:**

46F10 Operations with distributions and generalized functions

**Keywords:**

neutrix limit; non-commutative neutrix convolution product

**Full Text:** [EuDML](#) [EMIS](#)