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**Some properties of a class of functions related to completely monotonic functions.** (English)

Zbl 1268.26017

Comput. Math. Appl. 64, No. 6, 1649-1654 (2012).

Summary: We present several properties of the composition of functions which are related to the completely monotonic and absolutely monotonic functions. Relevant connections of the results derived in this article with those in earlier investigations are also indicated.

**MSC:**

26A48 Monotonic functions, generalizations

Cited in 8 Documents

**Keywords:**

composition of functions; absolutely monotonic functions; completely monotonic functions; strongly completely monotonic functions; almost completely monotonic functions; almost strongly completely monotonic functions

**Full Text:** [DOI](#)

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