V. D. Kosmanenko

ABOUT THE NORMAL FORM OF OPERATORS

(О нормальной форме операторов)

Украинский Математический Журнал (U.S.S.R.) № 2, 1969

This paper is an extension of F.A. Berezin's works on the normal forms of defined operators in a Hilbert space. After showing the basic notions, a class of non-linear operators is built, for which some conditions of existence of their normal forms are given. Finally, an example of decomposable operator fullfilling the conditions of normality is given.

C. C.