

Some properties of functions from families of even holomorphic functions of several complex variables

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In the presentation we will consider some properties of two families of holomorphic functions defined on bounded complete n -circular domain G of \mathbb{C}^n by the evenness (see [3], [5]). For instance, we present some relationships between considered families and another families investigated by Bavrin (see [1]), the growth and distortion type theorems for functions belonging to this families and the estimates of G -balances of homogeneous polynomials.

References

- [1] I. I. Bavrin, *Classes of regular functions in the case of several complex variables and extremal problems in that class*, Moskov Obl. Ped. Inst., Moscov (1976), 1-99, (in Russian).
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- [3] E. Leś-Bomba, P. Liczberski, *On some family of holomorphic functions of several complex variables*, Sci. Bull. Chełm, Sec. Math. and Comput. Sci. **2** (2007), 7-16.
- [4] A. A. Temljakov, *Integral representation of functions of two complex variables*, Izv. Akad. Nauk SSSR. Ser. Mat. **21** (1957), 89-92, (in Russian).
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