

Note

Addendum to the Paper "On the Dependence of Functions on Their Variables"

A. EHRENFEUCHT*, J. KAHN[†], R. MADDUX[‡], AND J. MYCIELSKI*

* *University of Colorado, Boulder, Colorado 80309;*

[†] *Massachusetts Institute of Technology, Cambridge, Massachusetts 02139; and*

[‡] *Department of Mathematics, Iowa State University, Ames, Iowa 50011*

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The main result of our note [EKMM] has been published earlier in [B, C1, C2], where other references are given. For related work see also [C3, C4]. The application and representation at the end were probably original.

REFERENCES

- [B] JU. JA. BREITBART, Essential variables of Boolean functions, *Dokl. Akad. Nauk SSSR* **172** (1967), 9–10. [Russian]. (*Soviet Math. Dokl.* **8** (1967), 1–3.)
- [C1] K. N. ČIMEV, Some properties of functions, *Godishnik Vissh. Uchebn. Zaved. Prilozhna Mat.* **7**, No. 1 (1971), 23–32. [Bulgarian]
- [C2] K. N. ČIMEV, "On Some Properties of Functions," *Colloq. Math. Soc. János Bolyai* Vol. 28, North-Holland, Amsterdam, pp. 97–110, 1979.
- [C3] K. N. ČIMEV, "Separable Sets by Variables of Functions," Blagoevgrad, 1983. [Bulgarian]
- [C4] K. N. ČIMEV, "Functions and Graphs," Blagoevgrad, 1984. [Bulgarian]
- [EKMM] A. EHRENFEUCHT, J. KAHN, R. MADDUX, AND J. MYCIELSKI, On the dependence of functions on their variables, *J. Combin. Theory Ser. A* **33** (1982), 106–108.