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[9] — *Boolean algebras*, Berlin-Göttingen-Heidelberg 1960.

[10] — and T. Traczyk, *On free products of α-distributive Boolean algebras*, Colloq. Math., in print.

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# Correction to the paper "Reduced direct products" *

by

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At the suggestion of Professor Tarski, the authors wish to revise their account of Tarski's role in the development of the notion of reduced products. The following more accurate statement should replace lines 7-16 of the first paragraph of the introduction on p. 195:

In [29] Łoś defined the notion of logical measures in algebraic systems and established some basic properties of this notion referring primarily to the case of the two-valued measure. A seemingly quite different construction was carried through and applied by Chang and Morel in [1]. Tarski realized that both the construction of Łoś in the two-valued case and that of Chang and Morel could be subsumed as two special cases under one general notion, that of reduced products. He formulated the definition of this concept for arbitrary algebraic systems and suggested that the notion could be used to give a proof of the compactness theorem in the theory of models by means of a mathematical construction; in particular, using the construction of Chang and Morel, he gave such a proof for the class of the so-called Horn sentences (cf. p. 211) At his suggestion Frayne then extended the definition of reduced products to arbitrary relational systems, and several results (in particular, a proof of the general compactness theorem along the lines of Tarski's suggestions) were subsequently obtained by Frayne and Morel.

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