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Many problems of genetics (for example, frequency distributions of genes and zygotes in the progeny of a couple) can be treated by means of special algebras if the sign $\times$ of genetical multiplication is interpreted literally as the sign of multiplication. In previous papers [Proc. Roy. Soc. Edinburgh **59, 242–258 (1939); J. London Math. Soc. **15,** 136–149 (1940); cf. MR0000597 (1,99e)and **2,** 121] the author has investigated these algebras. In the present paper the symbolism is considered more from the biologist's point of view and exemplified by the treatment of some simple special cases. No mathematical progress is claimed. *W. Feller*

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