

Campos, Tania M. M.; Machado, Silvia D. A.; Holgate, Philip

Sex dependent genetic recombination rates for several loci. (English) Zbl 0711.92012
Linear Algebra Appl. 136, 165-172 (1990).

The authors study a genetic algebra obtained from the situation where there are linked loci with different recombination rates for the two sexes. They obtain a non-commutative algebra although a similar situation studied earlier gave rise to a commutative algebra (but with a larger dimension). The main part of the paper deals with the plenary powers of the algebra. This includes a formula for the plenary train roots of the zygotic algebra.

Reviewer: [H.Gonshor](#)

MSC:

[92D10](#) Genetics and epigenetics

[17D92](#) Genetic algebras

Cited in 1 Document

Keywords:

[linked loci](#); [different recombination rates](#); [non-commutative algebra](#); [plenary powers](#); [plenary train roots](#); [zygotic algebra](#)

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