



Algebraic Methods in Phylogenetics

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Algebraic viewpoints were introduced into phylogenetic theory in the 1980s, through the phylogenetic invariants of Cavender-Felsenstein and Lake. Only recently, however, has the theoretical progress of the intervening years led to data analysis approaches and software being adopted by empiricists. At the same time, algebraic tools of many other sorts have been applied to understand phylogenetic issues, supplementing and blending with probabilistic modeling, combinatorics, statistics, and algorithmics as a necessary part of the field.

In this special issue, we intend to present the diversity of roles that algebra, broadly defined, plays in current phylogenetic research. Works focused on purely algebraic aspects of the subject, using algebra in concert with other mathematical perspectives for advancing theory, or building toward or conducting novel data analyses are all welcome.

Submission of articles is through the on-line portal for BMB, by selecting the special issue on the “Select Article Type” menu. We expect submissions from now through October 2017.

If you have any questions, please contact one of the guest editors:

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