

MIMS現象数理カフェセミナー

日時: 2021年11月22日(月) (13:30 - 14:10)

場所: 今年度はZoomでのリモート開催となります

Recent advancements of phylogenetic method.

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Abstract : Among biologists, the Phylogenetic Comparative Method (PCM) is an indispensable statistical tool to infer phenotypic evolution in a macro time scale (e.g. >1 million years). Nevertheless, its mathematical model has been quite simple because we cannot observe a past state of an organism, and thus strong assumptions are needed to yield a solvable problem. In this talk, I review recent methodologies of PCM and introduce a more flexible yet reliable approach based on a population genetics theory.



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