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The disentangling number for phylogenetic mixtures

Seth Sullivant

(Submitted on 14 Jul 2011)

We provide a logarithmic upper bound for the disentangling number on unordered lists of leaf labeled trees. This results is useful for analyzing phylogenetic mixture models. The proof depends on interpreting multisets of trees as high dimensional contingency tables.

Comments: 4 pages, 1 figure Subjects: Combinatorics (math.CO); Populations and Evolution (qbio.PE) Cite as: arXiv:1107.2880v1 [math.CO]

Submission history

From: Seth Sullivant [view email] [v1] Thu, 14 Jul 2011 17:54:24 GMT (169kb,D)

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