

Seminari de Geometria Algebraica 2009/2010 (UB-UPC)

Dijous 17 de juny a les 16 h a l'aula B1 FM-UB

<http://atlas.mat.ub.es/sga>

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## Algebraic varieties representing group based tree models

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Following Sturmfels and Sullivant I will present basic results about algebraic varieties arising from group based models on phylogenetic trees. I will introduce a large class of models for which I will prove that the obtained variety is toric. I will present techniques of studying such varieties and some open problems - both classical and new.

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