EDUARDO RIVERA CAMPO, Universidad Autónoma Metropolitana–Iztapalapa

Partitions of complete geometric graphs into plane trees

We give a sufficient condition for a complete geometric graph with $2n$ vertices to have a partition into $n$ plane spanning trees. For the case where the vertices are in convex position, we characterise all such partitions.

This is joint work with P. Bose, F. Hurtado and D. R. Wood.