Pruning: new definitions and results.

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Resumo / Abstract:
Pruning was introduced by Cvitanovic to describe the topological dynamics of the Hénon and Lozi families as partially formed horseshoes. Several possible definitions of pruning will be introduced, discussed and compared. Some recent results due to Valentin Mendoza proving special cases of the Pruning Front Conjecture will be presented and, if time allows, a brief discussion of the infinitely renormalizable case will be given.