

Souslin Trees and Degrees of Constructibility

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We will characterize the structure of the degrees of constructibility in a generic extension of L via a Souslin tree. Using this we will extend a result Groszek and Shore by showing that any constructible (dual) algebraic lattice with countably many compact elements can be an initial segment of the degrees of constructibility in a generic extension of L . We will then use similar techniques to extend this result to include some non algebraic lattices.