

THE WALDSCHMIDT CONSTANT FOR MONOMIAL IDEALS OF SIMPLICIAL COMPLEXES

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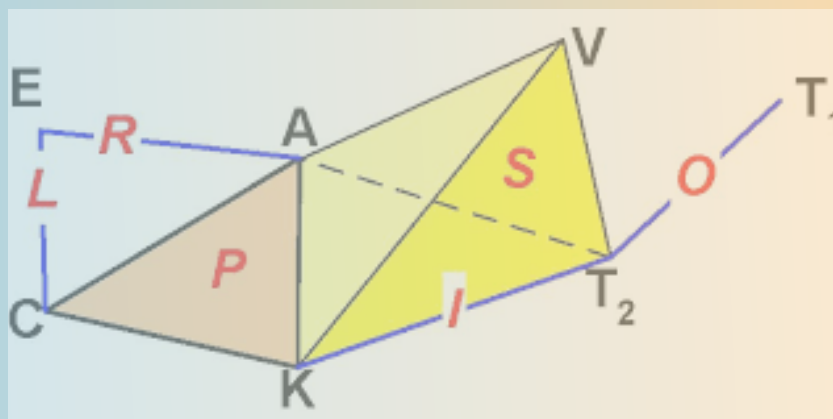
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The Containment-problem is one of the central problems in commutative algebra. It was discovered by Ein, Lazarsfeld and Smith in characteristic zero and by Hochster and Huneke in positive characteristic.

The aim of this talk is to explicate the combinatorial approaches of computing Waldschmidt constant of the monomial ideals associated to the different classes of simplicial complexes.



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