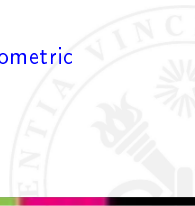




Description of some geometric shapes.

Keno Merckx

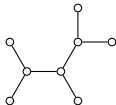
Titre sérieux Antimatroids: associated polytopes, counting, geometric representation and algorithmic aspects.



What ? How ? Why ?



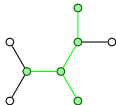
Tree and
subtree



What ? How ? Why ?



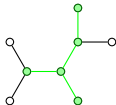
Tree and
subtree



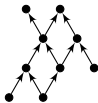
What ? How ? Why ?



Tree and
subtree



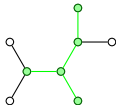
Poset and
ideal



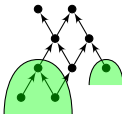
What ? How ? Why ?



Tree and
subtree



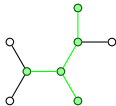
Poset and
ideal



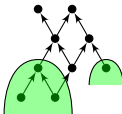
What ? How ? Why ?



Tree and
subtree

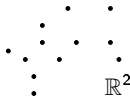


Poset and
ideal

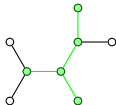


What? How? Why?

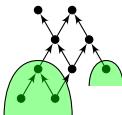
Points of \mathbb{R}^d and
"convex set"



Tree and
subtree

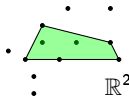


Poset and
ideal

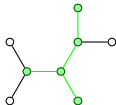
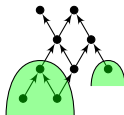
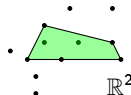


What? How? Why?

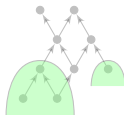
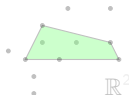
Points of \mathbb{R}^d and
"convex set"



What? How? Why?

Tree and
subtreePoset and
idealPoints of \mathbb{R}^d and
"convex set"**Antimatroids**

What? How? Why?

Tree and
subtreePoset and
idealPoints of \mathbb{R}^d and
"convex set"

Antimatroids

I'm looking for a "recipe" to:

Antimatroids

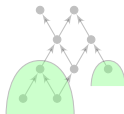


What ? How ? Why ?

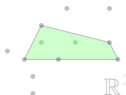
Tree and subtree



Poset and ideal

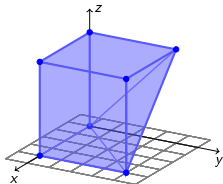


Points of \mathbb{R}^d and "convex set"



I'm looking for a "recipe" to:

Antimatroids → Geometric objects ("polytopes")

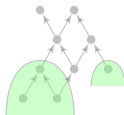


What ? How ? Why ?

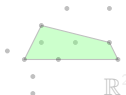
Tree and subtree



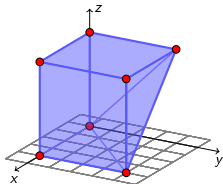
Poset and ideal



Points of \mathbb{R}^d and "convex set"



I'm looking for a "recipe" to:
 Antimatroids \rightarrow Geometric objects ("*polytopes*") \rightarrow (Linear) **Description**

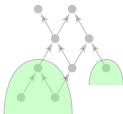


What ? How ? Why ?

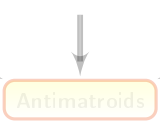
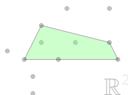
Tree and subtree



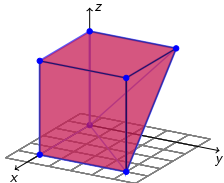
Poset and ideal



Points of \mathbb{R}^d and "convex set"



I'm looking for a "recipe" to:
 Antimatroids → Geometric objects ("polytopes") → (*Linear*) Description

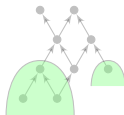


What ? How ? Why ?

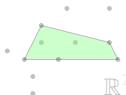
Tree and subtree



Poset and ideal

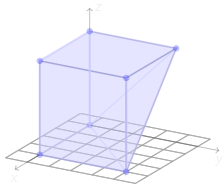


Points of \mathbb{R}^d and "convex set"



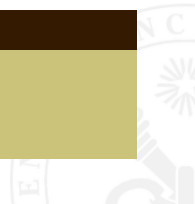
I'm looking for a "recipe" to:

Antimatroids \rightarrow Geometric objects ("*polytopes*") \rightarrow (*Linear*) Description



Application: knowledge space

- Knowledge evaluation software

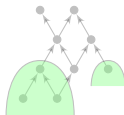


What ? How ? Why ?

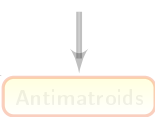
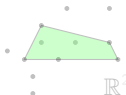
Tree and subtree



Poset and ideal

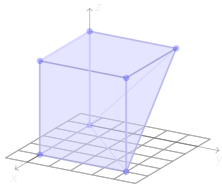


Points of \mathbb{R}^d and "convex set"



I'm looking for a "recipe" to:

Antimatroids \rightarrow Geometric objects ("*polytopes*") \rightarrow (*Linear*) Description



Application: knowledge space

- ▶ Knowledge evaluation software

