

Exploring perfect binary trees with relation to the HK-property

MXML Presentation

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EKR Theorem

Definition (Intersecting family)

A family of subsets \mathcal{F} of some set is **intersecting** if any two members of \mathcal{F} have a non-empty intersection.

- The **Erdős-Ko-Rado** theorem limits the number of sets in an intersecting family.

Theorem (EKR Theorem)

If \mathcal{F} is an intersecting family of k -subsets of an n -set (cardinality of the set is n), then

- $|\mathcal{F}| \leq \binom{n-1}{k-1}$
- *If equality holds, \mathcal{F} consists of the k -subsets that contain i , for some i in the n -set.*

The Several Variable Case

Example (example title)

You can add examples

The Several Variable Case

Example (example title)

You can add examples

Theorem (Theorem name)

and theorems

The Several Variable Case

Example (example title)

You can add examples

Theorem (Theorem name)

and theorems

Definition (the concept you are defining)

and definitions, such as $\mathbb{D} = \{z \in \mathbb{C} : |z| < 1\}$

Thank You!

Summary

A slideshow usually ends with a summary slide.