## Nonblockers for hereditarily decomposable continua with the property of Kelley

Javier Camargo

Universidad Industrial de Santander jcamargo@saber.uis.edu.co

Let X be a continuum and let  $A, B \in 2^X$  such that  $A \cap B = \emptyset$ . We say that A does not block B provided that

$$\kappa_{X \setminus A}(B) = \bigcup \{ L \in \mathcal{C}(X) : B \cap L \neq \emptyset \text{ and } L \subseteq X \setminus A \},\$$

is a dense subset of X. Let

 $\mathcal{NB}(\mathcal{F}_1(X)) = \{A \in 2^X : A \text{ does not block } \{x\} \text{ for each } x \in X \setminus A\}.$ 

 $\mathcal{NB}(\mathcal{F}_1(X))$  is called the hyperspace of non-blockers of  $\mathcal{F}_1(X)$ . In this talk, we show that if X is hereditarily decomposable with the property of Kelley such that  $\mathcal{NB}(\mathcal{F}_1(X))$  is a continuum, then X is a simple closed curve. (joint work with Mayra Ferreira)

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