

Research TODOs

- Menger-related properties and games results
 - Is there a slick characterization of $F \uparrow_{2\text{-mark}} Cov_{C,F}(X)$ for regular/general spaces?
 - Is $F \uparrow? Cov_{C,F}(X)$ or $F \uparrow? Cov_{C,S}(X)$ a hereditary property under closed subsets for any type of limited information? (The Menger property is; is Rothberger?)
- Filling games
 - Show $F \uparrow_{2\text{-mark}} Fill_{C,F}^{\subseteq}(\omega_1)$ implies $F \uparrow_{2\text{-mark}} Cov_{C,F}(\omega_1^{\dagger})$.
 - Eventually, investigate if $F \uparrow_{k\text{-tact}} Fill_{C,F}^{\subseteq}(X)$ is equivalent to $F \uparrow_{k\text{-mark}} Cov_{C,F}(X^{\dagger})$.
- Search for a class of spaces where $K \uparrow_{2\text{-tact}} LF_{K,P}(X)$ characterizes metacompact (aka implies $K \uparrow_{\text{tact}} LF_{K,P}(X)$)
 - Investigate the ladder space suggested by G.
 - Try zero-dimensional.