

Sittinon Jirattikansakul

Tel Aviv University (Israel)
jir.sittinon@gmail.com

Adding a club of former regulars to an inaccessible cardinal

Joint work with Moti Gitik

Radin forcing from $\circ(\kappa) = \kappa^+$ adds a club subset of κ while maintaining the strong inaccessibility of κ . It preserves cofinalities of regular cardinals outside the club. Later, Gitik showed how to shoot a club subset of κ while maintaining the strong inaccessibility of κ , using the optimal assumption. However, regular cardinals outside the club maybe singularized. In this talk, we discuss on how to shoot a club subset of κ which maintains the strong inaccessibility of κ , and preserves cofinalities of regular cardinals outside the club, using the optimal assumption.