JEHYUN LEE, Michigan Technological University Uniformly resolvable decompositions of K_v-I into 5-stars

We considered existence problem of uniformly resolvable decompositions of K_v into subgraphs such that each resolution class contains only blocks isomorphic to the same graph. In this talk, I will discuss a complete solution for the case in which one resolution class is K_2 and the rest are $K_{1,5}$.