## Partitioning complete graphs into monochromatic paths

## 陳抮君

National Chiao Tung University

A conjecture of Gyárfás says that the r-edge-colored complete graph can be covered at most r vertex-disjoint monochromatic paths. In this talk we show that if a 3-edge-colored complete graph is not 4-partite, then there is an r-colored Hamiltonian path.