

RECONSTRUCTION FROM THE DECK OF \$K\$-VERTEX INDUCED SUBGRAPHS

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Time: 14:00-15:00, Thu, May. 3, 2018

Venue: Room 2213, East Main Guanghua Tower, Handan Campus **Abstract:** The k-deck of a graph G is its multiset of subgraphs induced by k vertices; we ask when the k-deck determines G. Let n=|V(G)|. The famous Reconstruction Conjecture is that the (n-1) -deck determines G when $n \ge 3$. Always the k-deck determines the (k-1) -deck, so the natural question is to find the least k such that the k-deck determines G.

 $\int_{x_{k}}^{x_{k+1}} f(x,y) dx = \int_{x_{k}}^{x_{k+1}} y' dx = \int_{x_{k}}^{x_{k}} y' dx = \int_{x_{k}}^$

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