

# WORKSHOP ON SPECTRAL GRAPH THEORY AND RELATED TOPICS

*WORKSHOPS*



**CASTS**

理論科學研究中心

Center for Advanced Study in Theoretical Sciences

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# *2-Walk-regular graphs, scheme graphs and 2-partially metric symmetric association schemes*

Prof. Jack Koolen

2-Walk-regular graphs, scheme graphs and 2-partially metric symmetric association schemes

# *Introduction to graph covers*

Dr. Hau-Wen Huang

Introduction to graph covers

# *Rank and minimum rank of graphs*

Prof. Hong-Gwa Yen

Rank and minimum rank of graphs

# *Ramanujan graphs, Ramanujan complexes and zeta functions*

Prof. Wen-Ching Winnie Li

Ramanujan graphs, Ramanujan complexes and zeta functions

# *Graph theory in the information age: New directions in graph theory*

Prof. Fan-Chung Graham

Graph theory in the information age: New directions in graph theory

# *The Li-Yau inequality for graphs*

Prof. Paul Kenneth Horn

The Li-Yau inequality for graphs

# *Graphs with small spectral radius*

Prof. Linyuan Lincoln Lu

Graphs with small spectral radius

# *Cheeger inequalities for unbounded graph Laplacians*

Dr. Frank Bauer

Cheeger inequalities for unbounded graph Laplacians