Colloquium

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Friday, April 11, 2014 at 3 pm in Bell Hall 143

Strongly Regular Graphs

A graph is called strongly regular if the number of common neighbors of two vertices a and b depends only on whether or not a and b are adjacent. Hence in a strongly regular graph any two adjacent vertices have λ-common neighbors and any two non-adjacent vertices have μ-common neighbors. In the talk I will give a complete picture about such important class of graphs and discuss possible approaches to the classification of special subclass of them, namely triangle-free strongly regular graphs (TFSRG).

For further information, please contact Dr. Emil Schwab, eschwab@utep.edu
Refreshments will be served in front of the colloquium room,
15 minutes before the start of the colloquium.