

Einladung zum Gastvortrag

Titel: „Compatible Euler-tours “

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Ort: HS T03, Fachbereich Computerwissenschaften,
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Abstract:

My presentation is about compatible Euler-tours. In an Eulerian graph G Euler-tours in a set S are pairwise compatible, if each pair of adjacent edges is consecutive in at most one tour of S . First we define the required objects for compatibility, then I will present the main results and conjectures in this area. Among others we consider a lower bound for the number of pairwise compatible Euler-tours in an arbitrary Eulerian graph, a characterisation of graphs that contain exactly three compatible Euler-tours and then we analyze these questions w.r.t. Eulerian digraphs.

Host: Univ.-Prof. Dr. Robert Elsässer