

DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
UNIVERSITY OF SOUTHERN DENMARK, ODENSE

COMPUTER SCIENCE COLLOQUIUM

Certifying High Connectivity

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Tuesday, 18 September, 2018 at 14:15

IMADA's Seminar Room

Abstract:

An edge in a k -connected graph is k -contractible, if the graph obtained by identifying its endpoints remains k -connected. We survey some recent results on the distribution of k -contractible edges along DFS trees and other substructures, and indicate why these could be useful in the design of algorithms certifying k -connectedness.

Host: Jørgen Bang Jensen