Seminar on Combinatorial Computing
November 13, Wednesday, 6:30 p.m.
Room 6417, Graduate Center
365 Fifth Avenue, New York

Robot arms, polygons, and rigidity

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Abstract

This talk will survey work on chain and polygonal linkages and the connection these problems have to ideas in rigidity theory. The emphasis will be on the interface between combinatorial and metrical ideas and will show the surprisingly broad range of mathematical problems that grow at issues involving linkages. Also, ways in which linkages have been applied with be briefly treated.

For further information contact Janos Pach at pachcims.nyu.edu, or visit our website: http://cs.gc.cuny.edu/∼pach/