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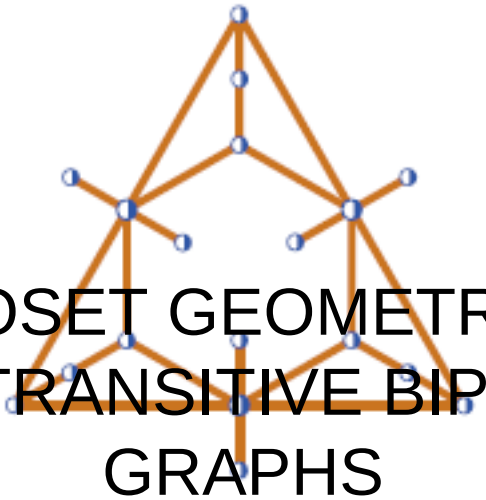

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RANK 2 COSET GEOMETRIES FROM EDGE-TRANSITIVE BIPARTITE GRAPHS

Content :

Joint work with: Dimitri Leemans, Mark Mixer and Tomaz Pisanski.
It is known that the incidence graph, alias Levi graph,
of any rank 2 coset geometry is an edge-transitive graph.
Thus coset geometries can be used to construct several
edge transitive graphs. In this work we consider the reverse direction.
Starting from edge-transitive graphs, we construct and an analyze associated rank 2
coset geometries.

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