

MAPS AND THEIR RELATED DIFFERENT FIELDS OF MATHEMATICS

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Regular maps are highly symmetric 2-cell graph embeddings like 5 Platonic solids. The interest in regular maps extends to their connection to Dyck's triangle groups, Riemann surfaces, algebraic curves, Galois groups and other areas including Grothendieck theory. In this talk, we show some relationship of maps to above mentioned fields of mathematics. Also some recent results related to classification of regular maps are given.

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