

Reference: <https://iitk.ac.in/math/index.php/2014-05-21-10-30-47/courses> (MTH 628)

Syllabus: Pre-requisite: MTH 304 / Instructor's consent

Classification of 2dimensional surfaces; Fundamental group; Knots and covering spaces; Braids and links; Simplicial homology groups and applications; Degree and Lefschetz Number, Borsuk Ulam Theorem, Lefschetz Fixed Point Theorem

Credits: 9