Title: Topological recursion and mirror symmetry

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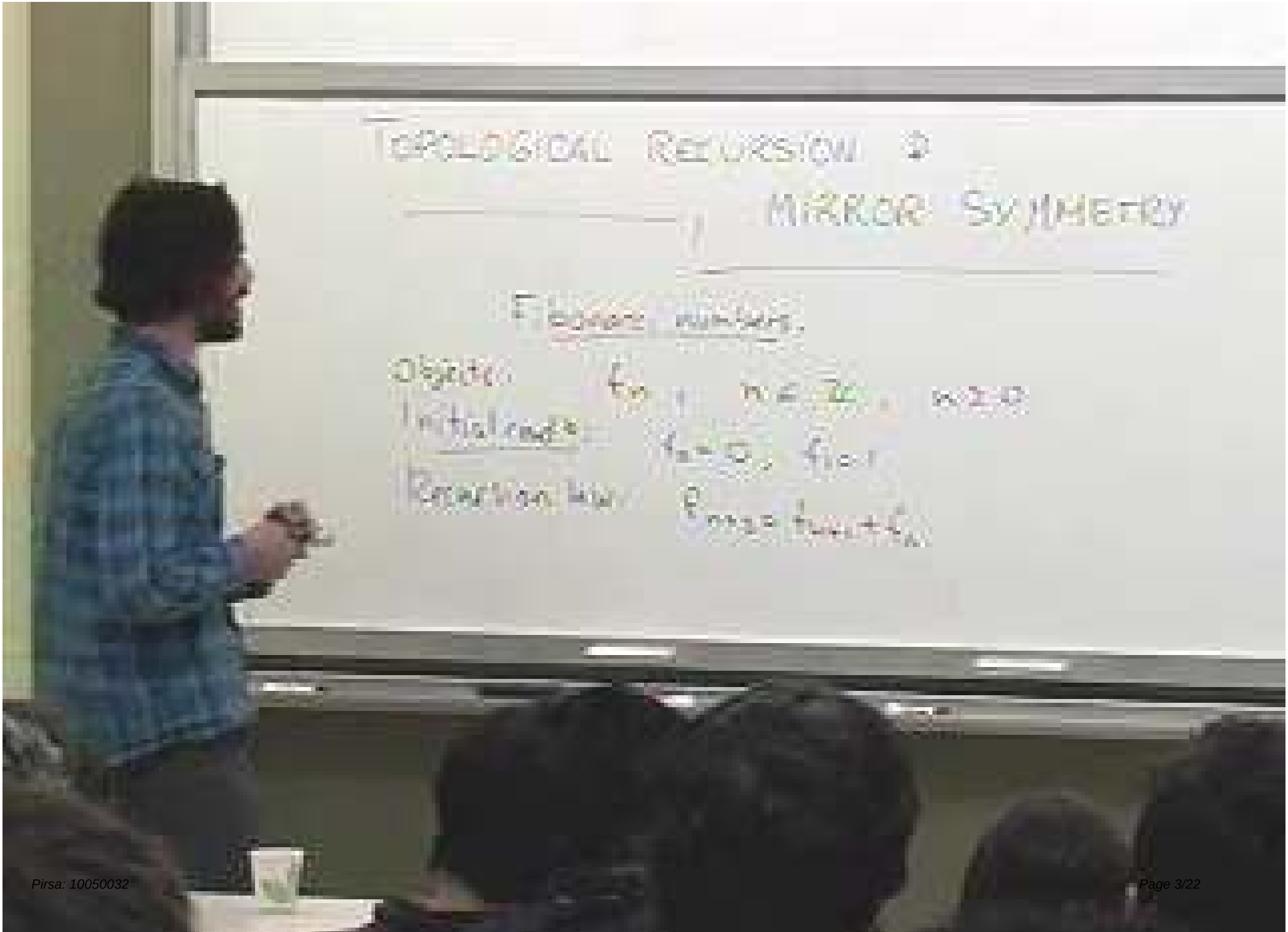
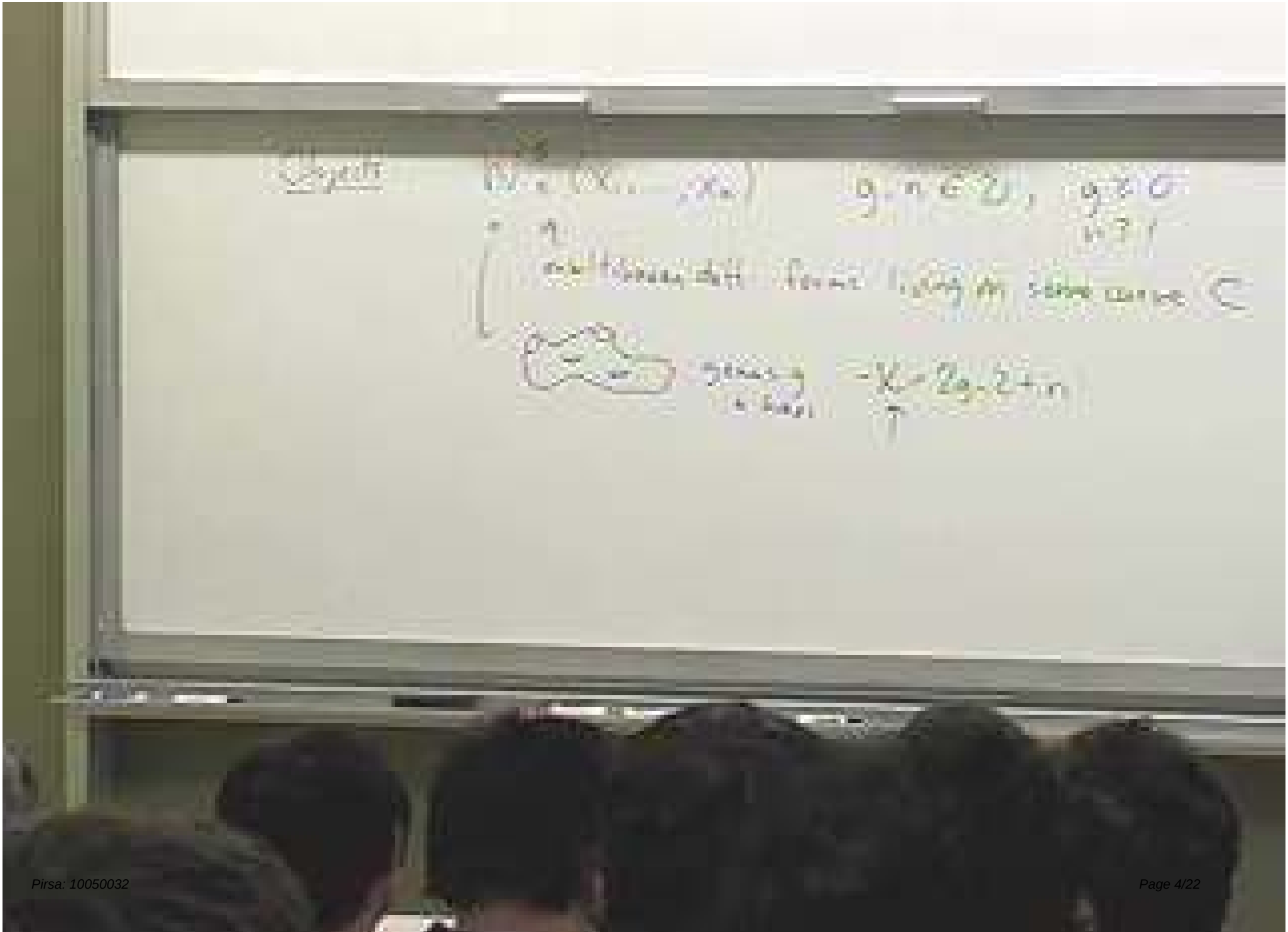
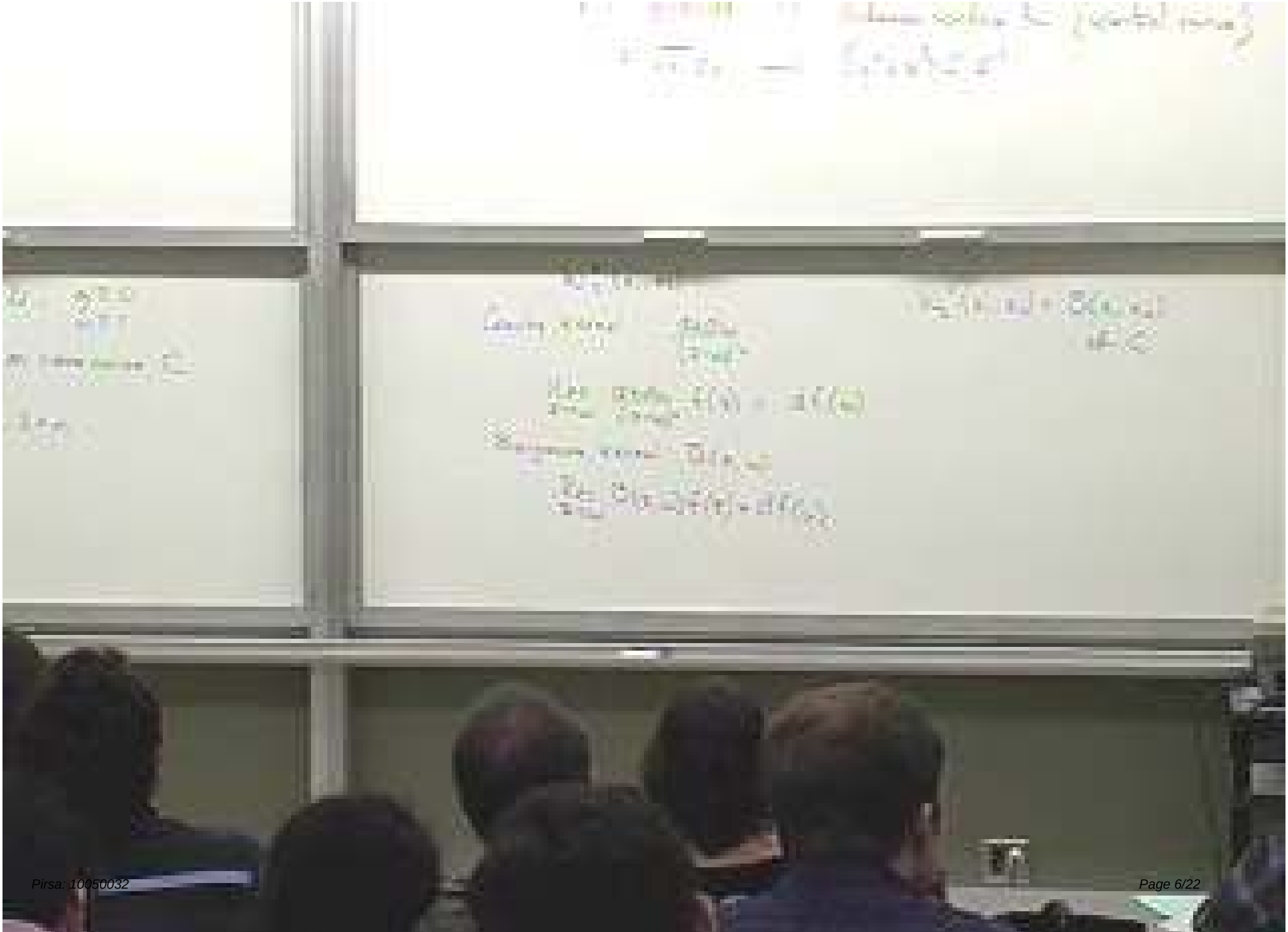
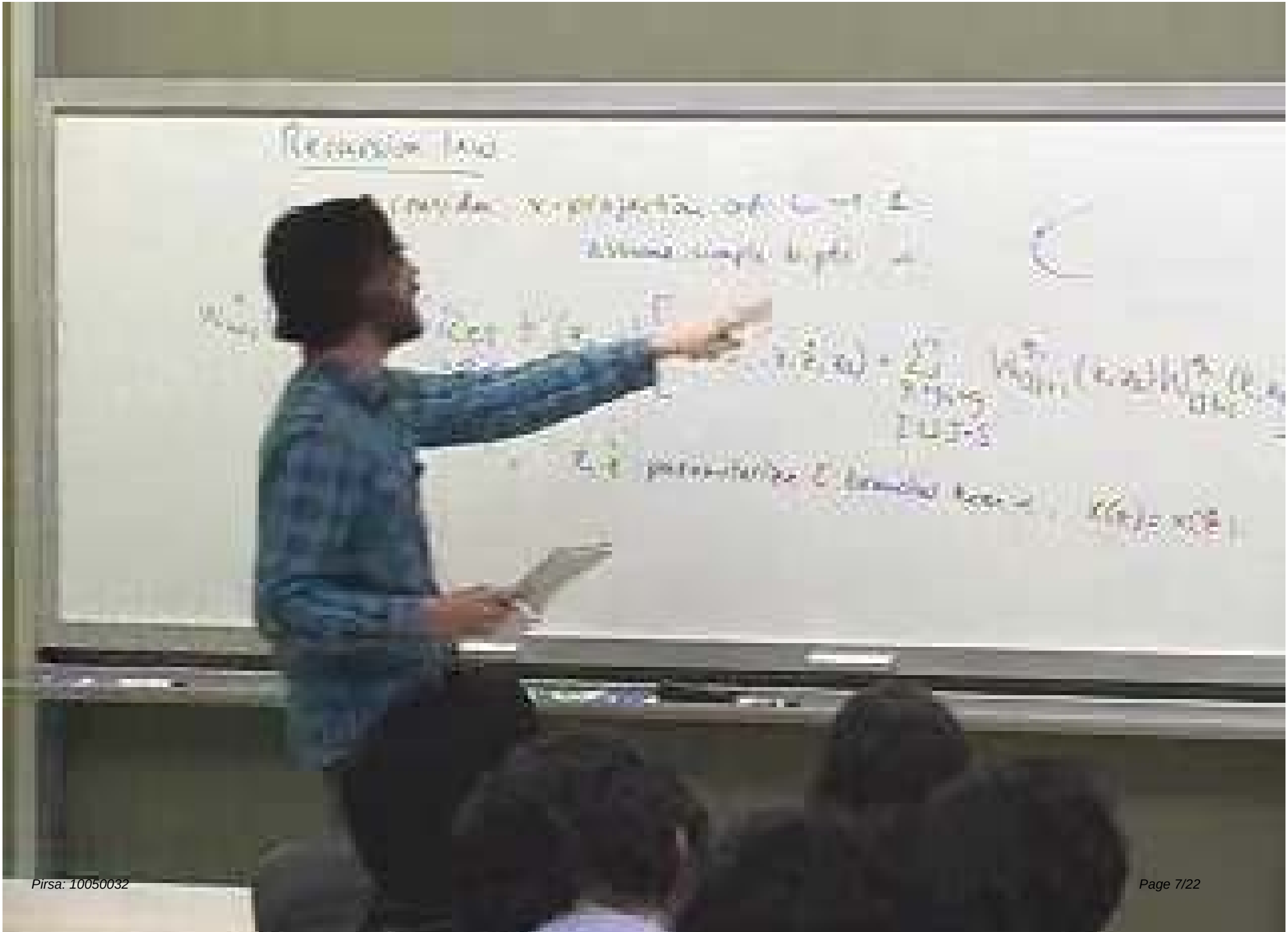
URL: http://pirsa.org/10050032

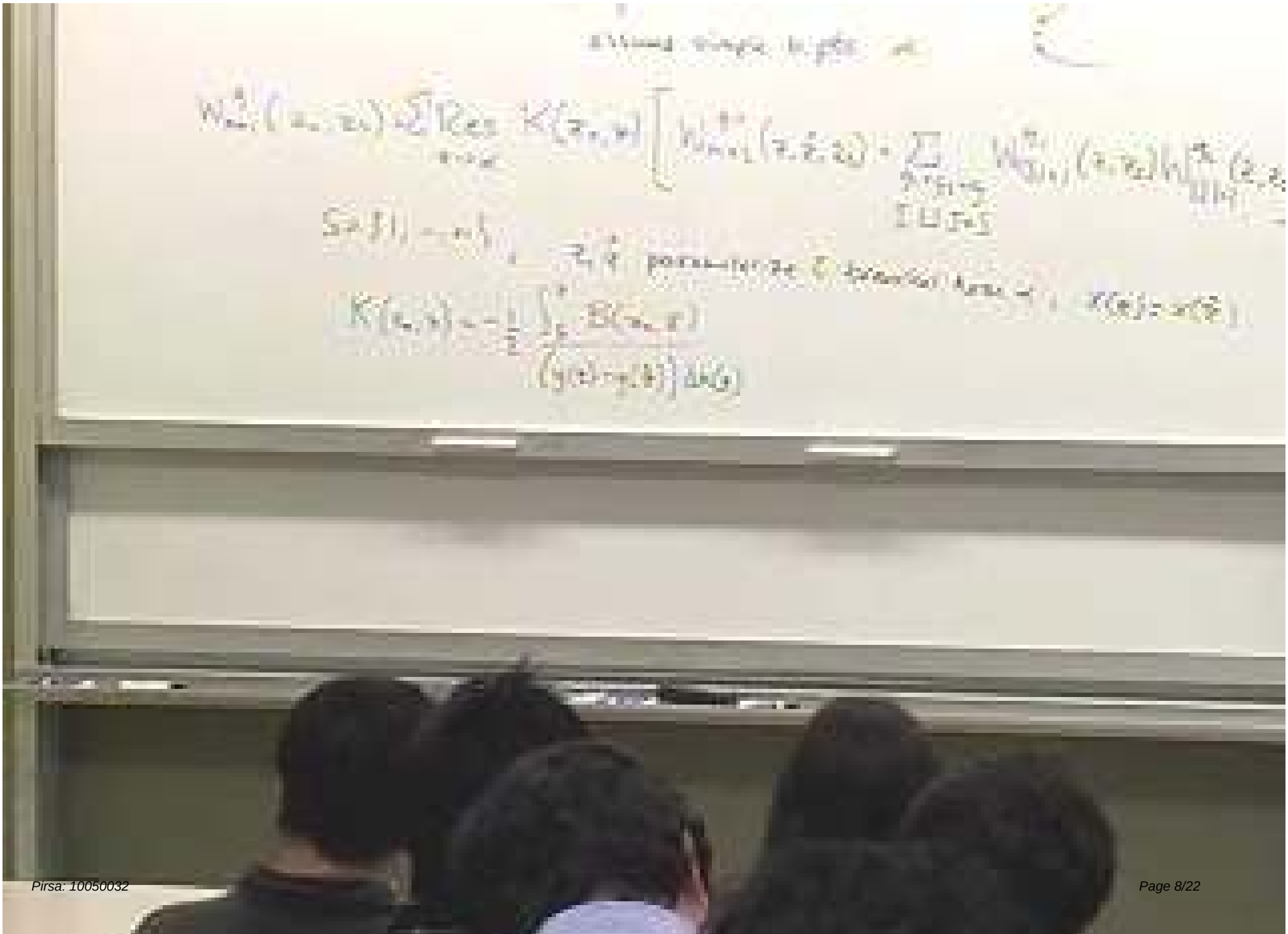
Abstract: The topological recursion of Eynard and Orantin has found many applications in various areas of mathematics. In this talk I will discuss the recursion from the point of view of Hurwitz numbers and local mirror symmetry. I will explain the mathematics underlying the recursion, its relation with the cut-and-join equation, and explore first steps towards proving (and understanding geometrically) the appearance of the recursion in local mirror symmetry.

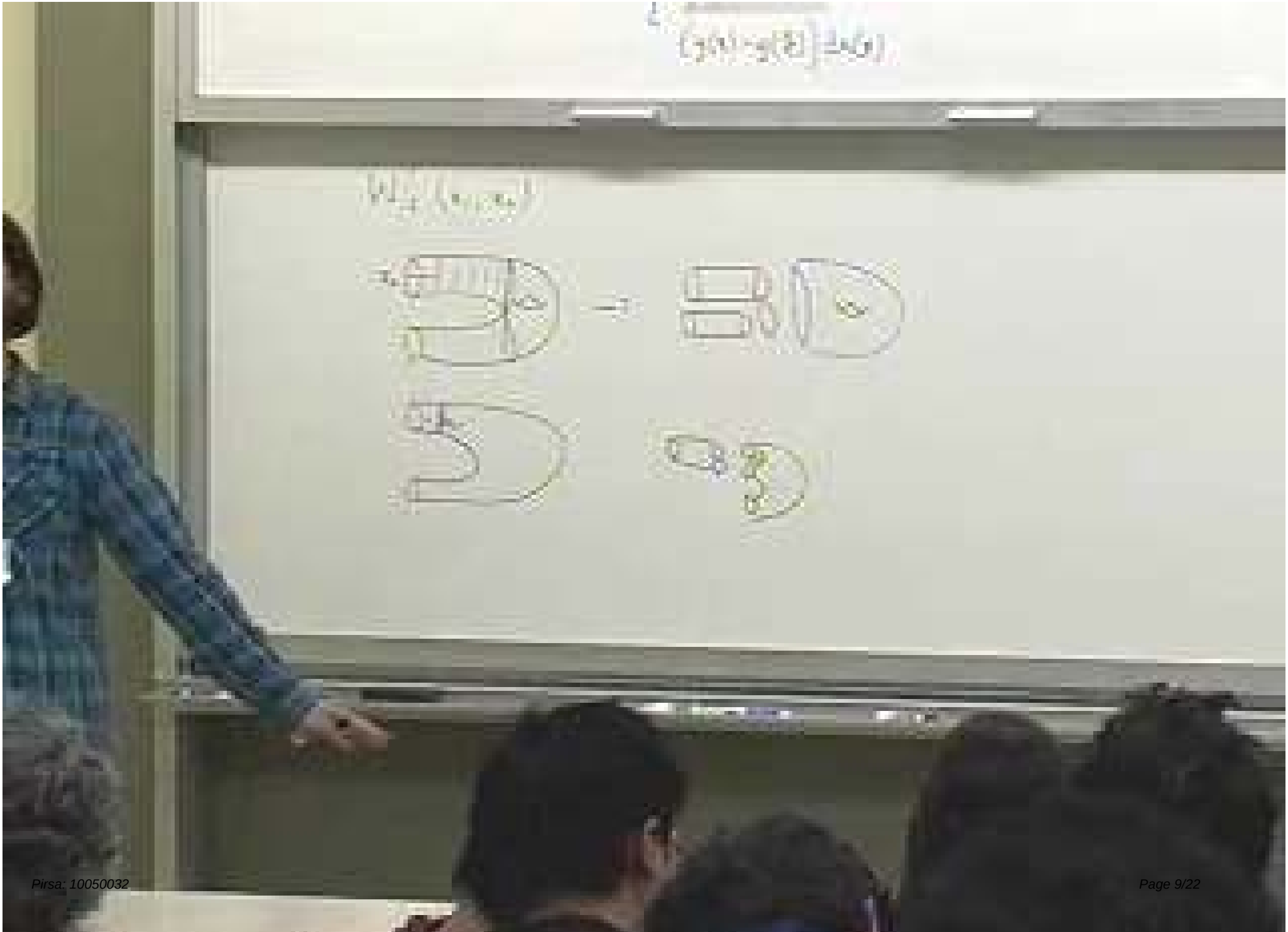

TOPOLOGICAL RECURSION
MIRROR SYMMETRY

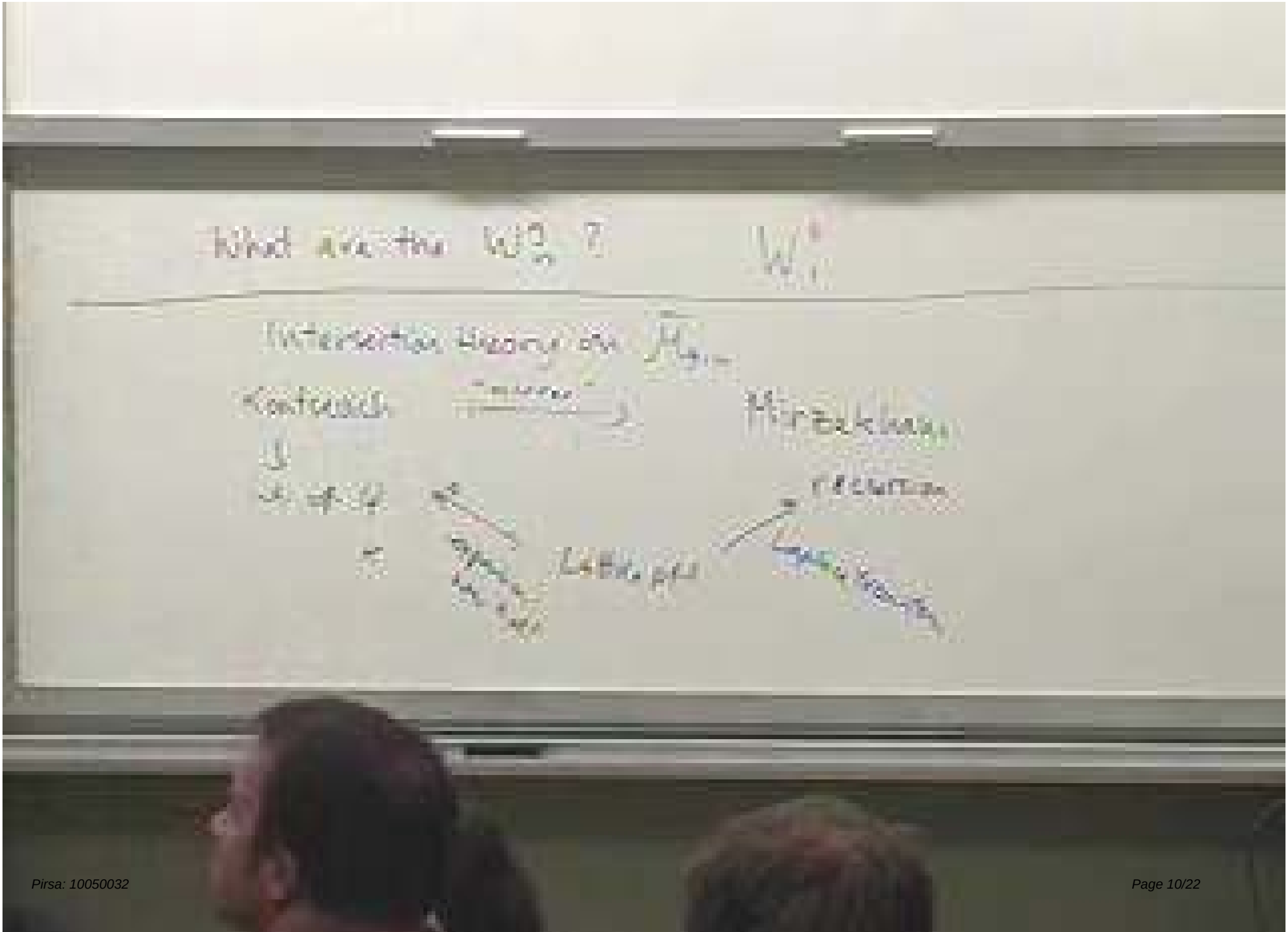


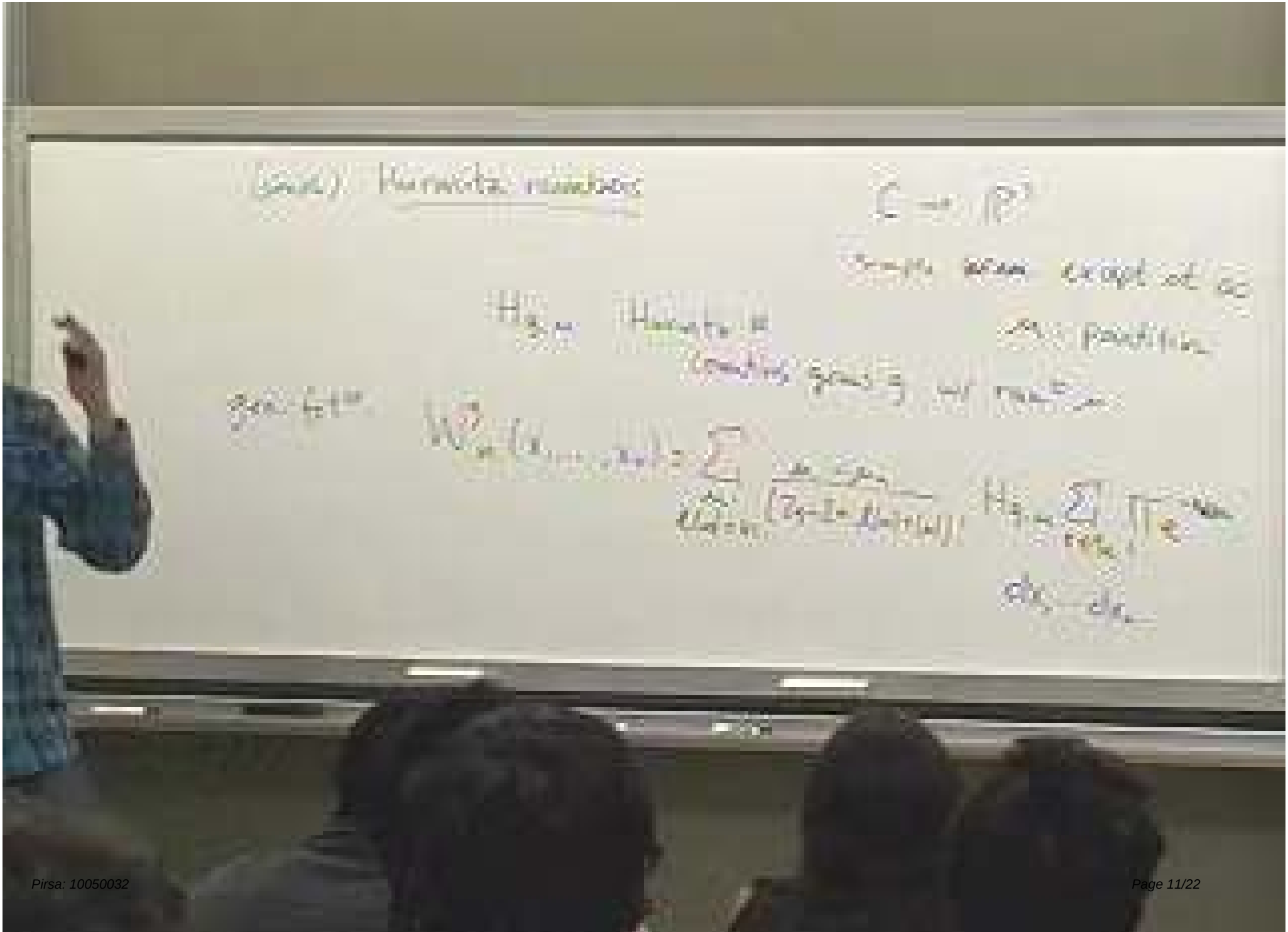


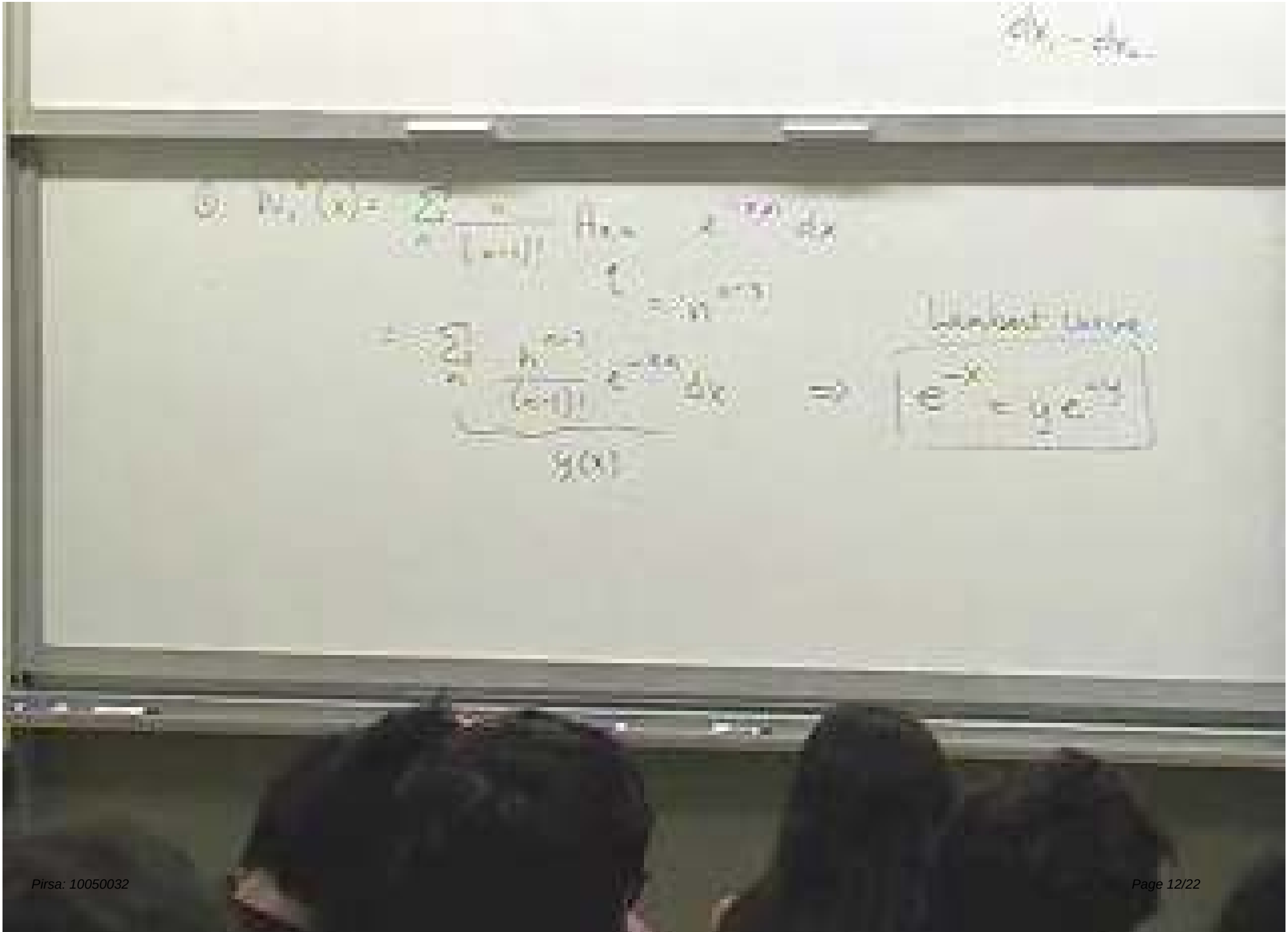


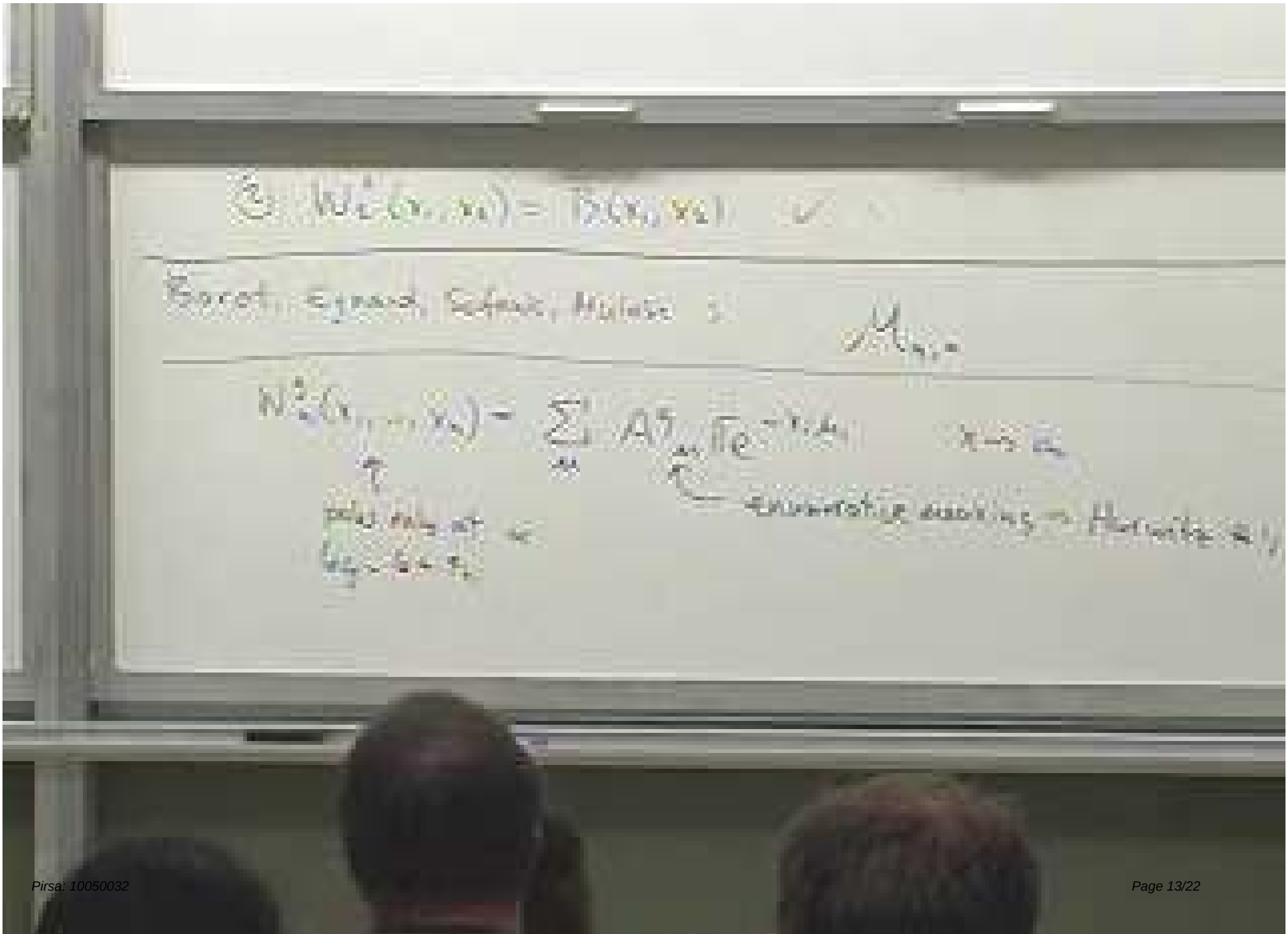


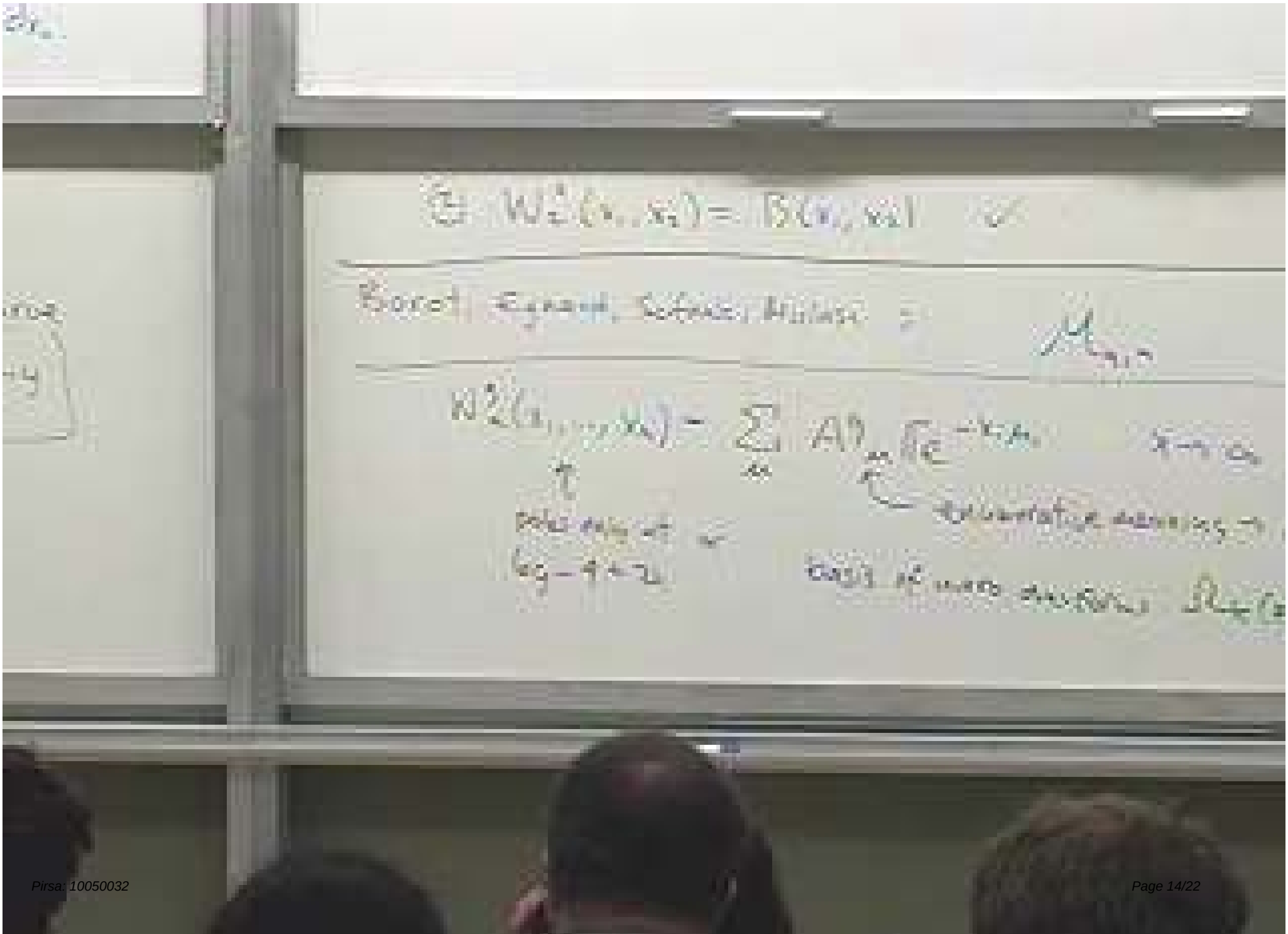


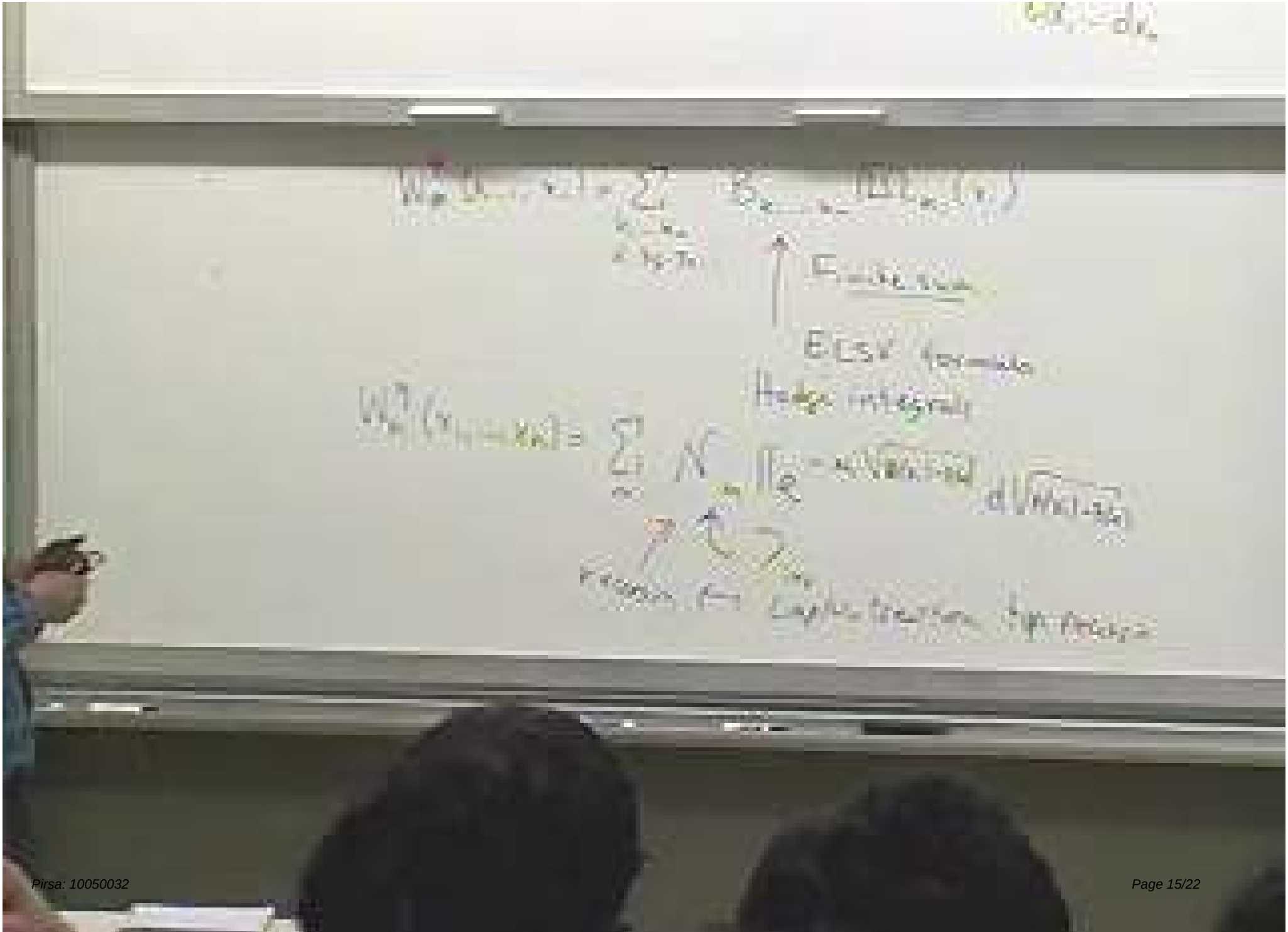


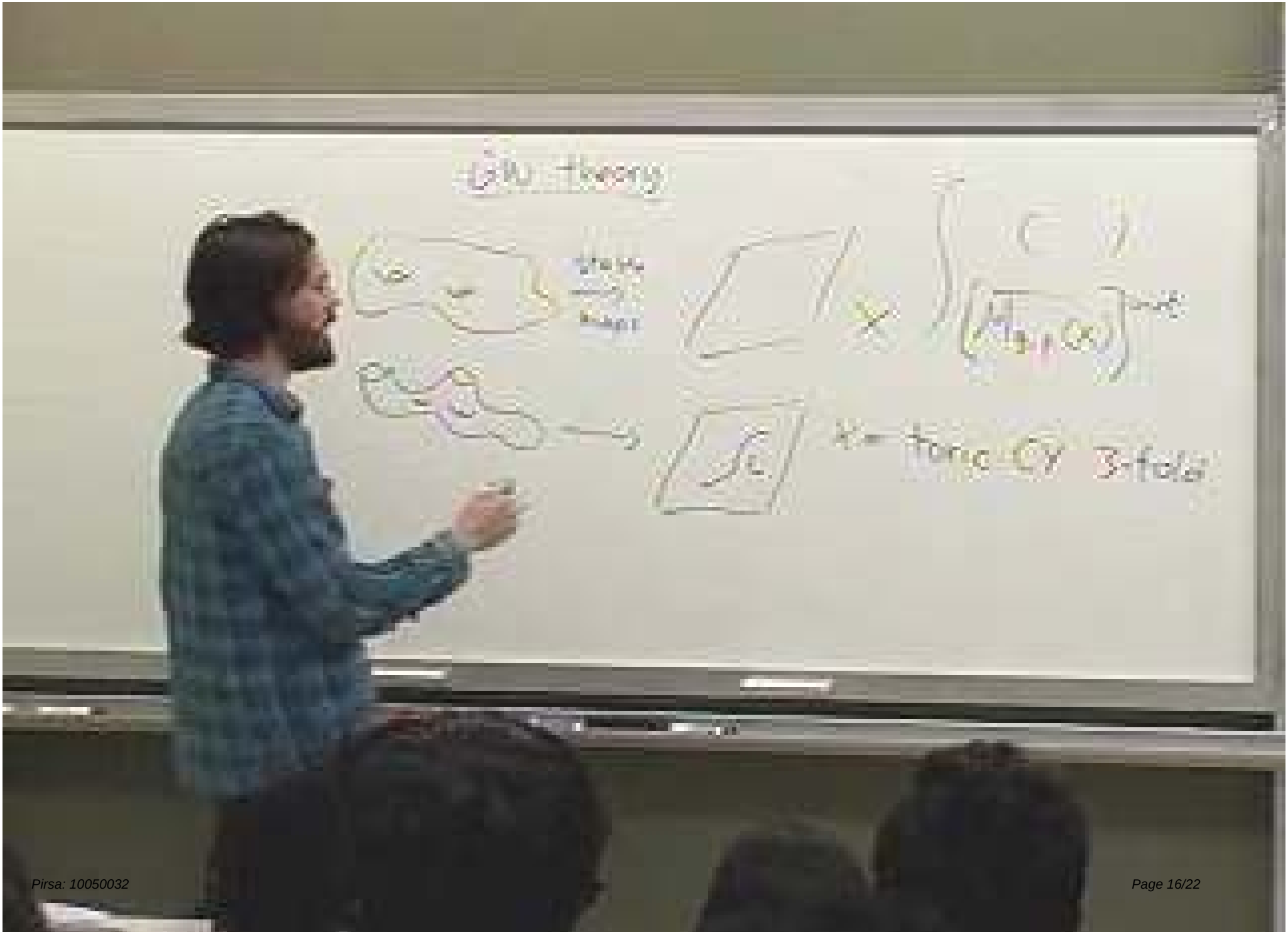
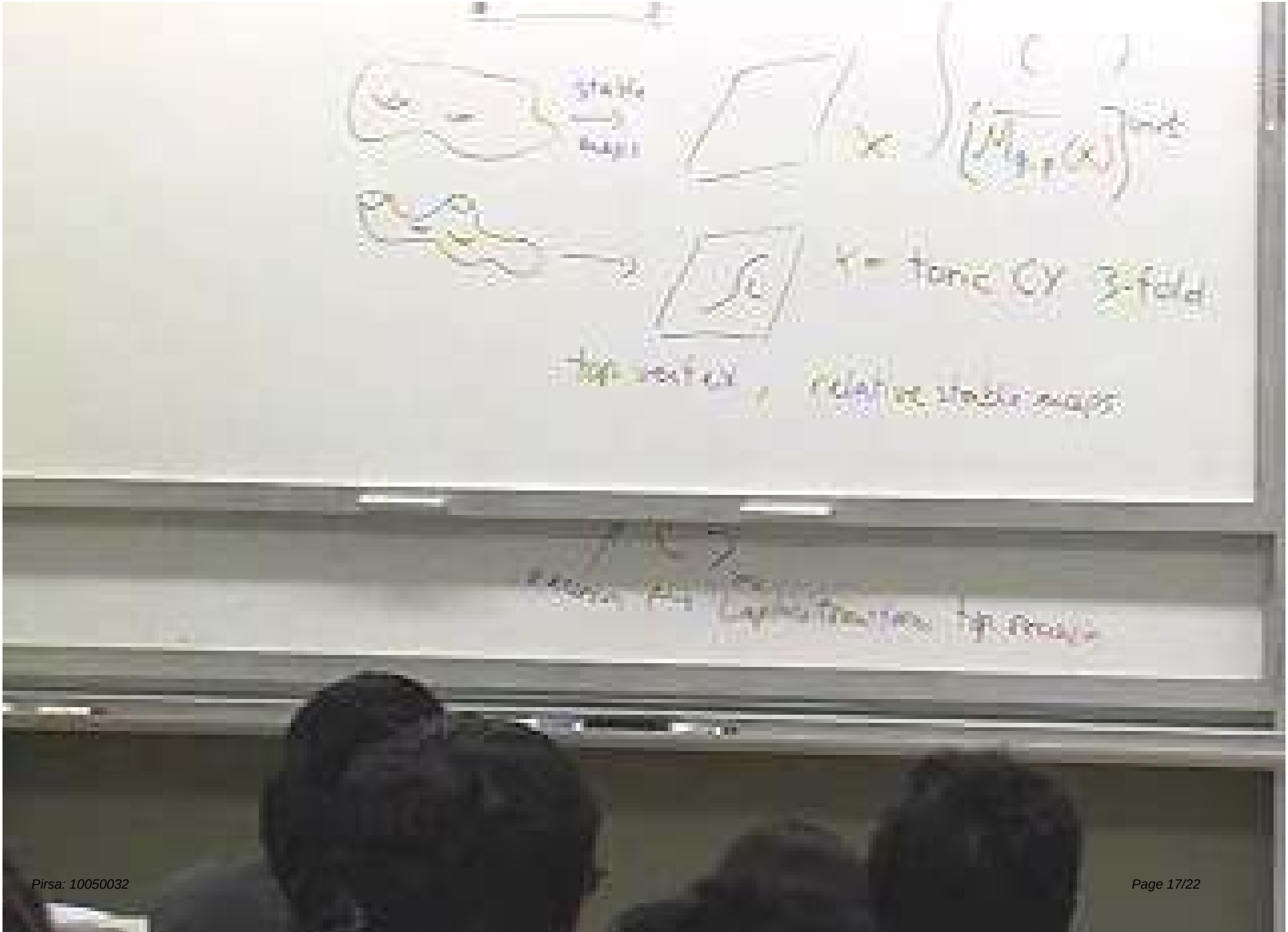
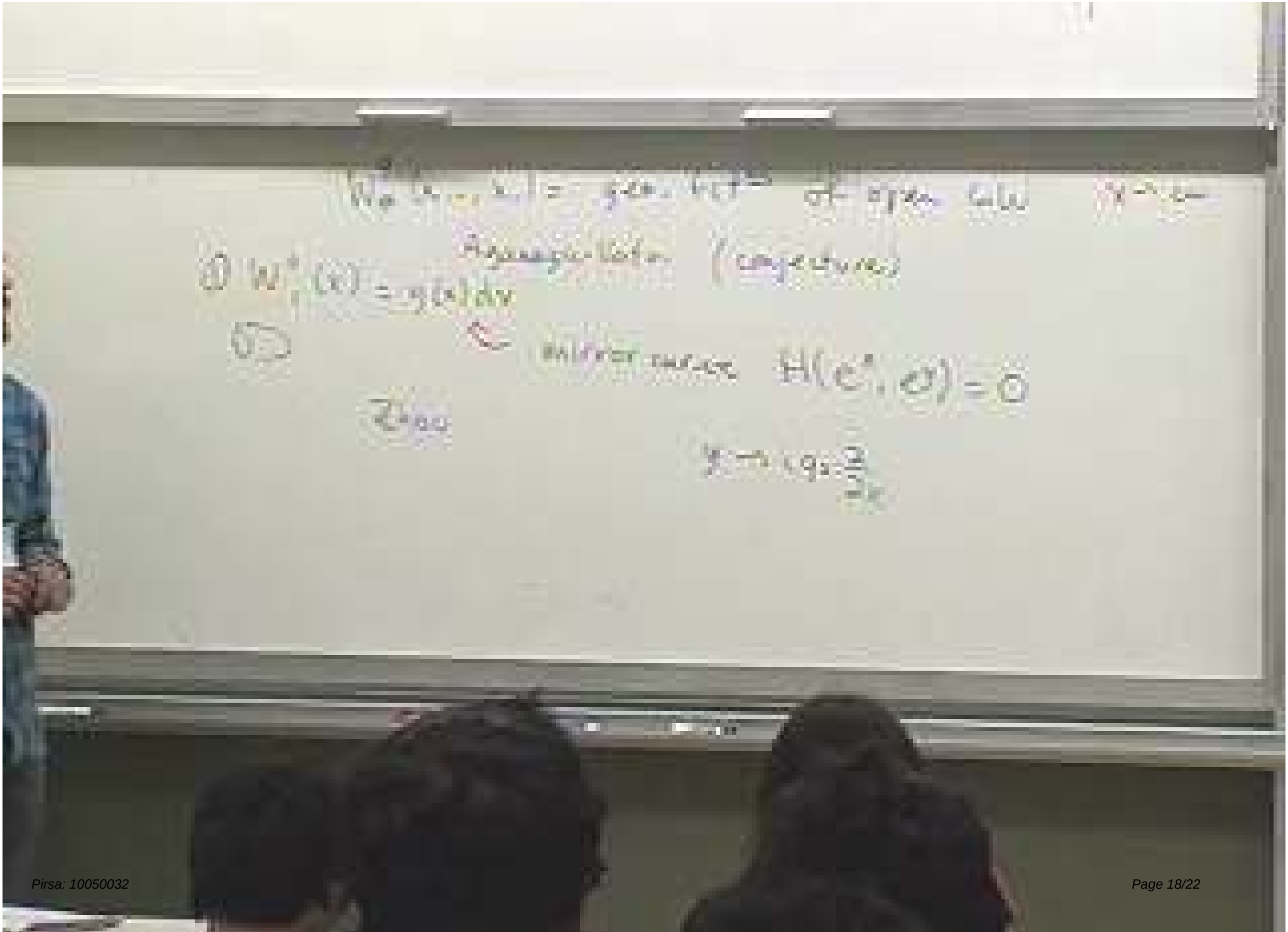
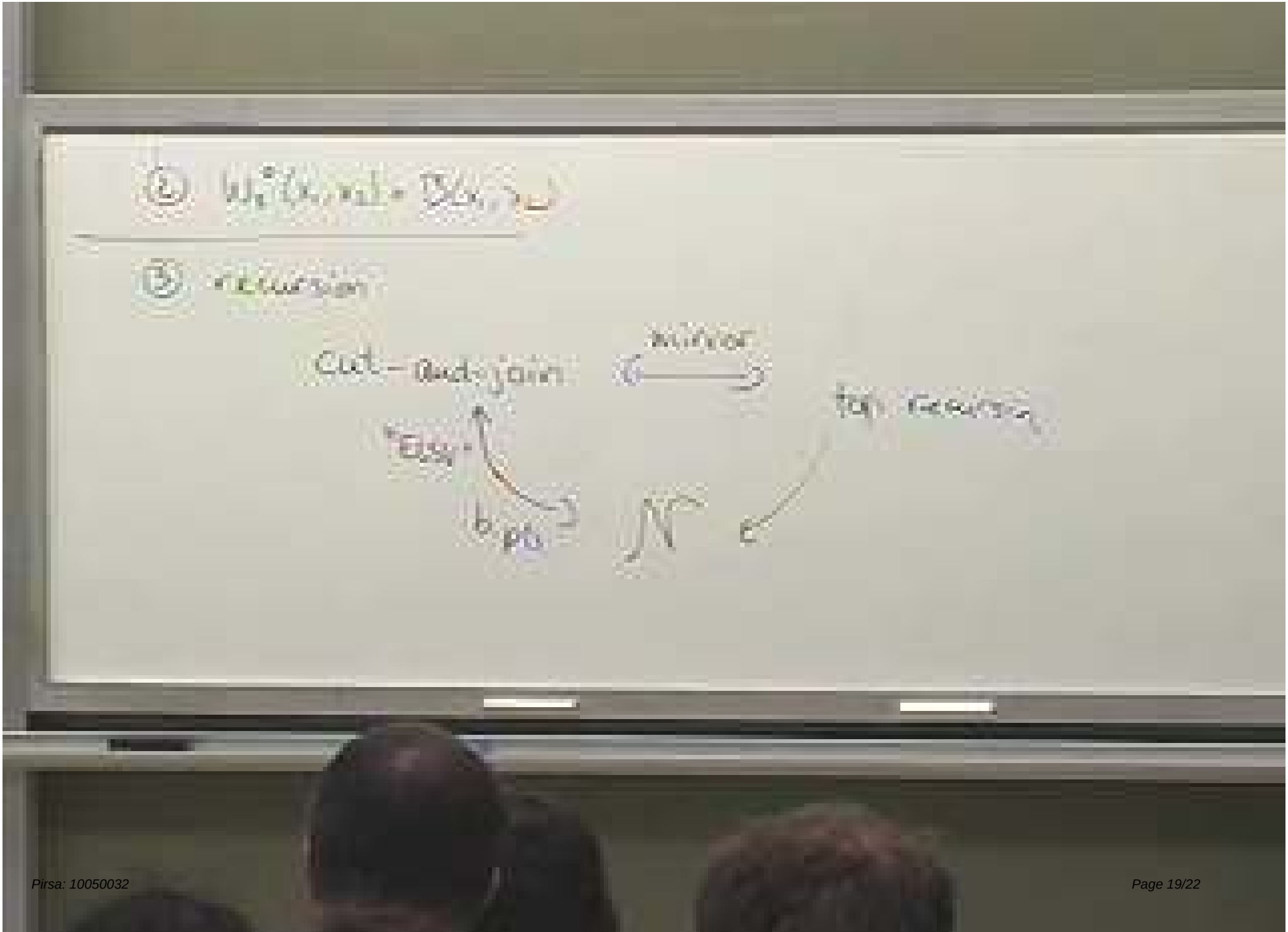
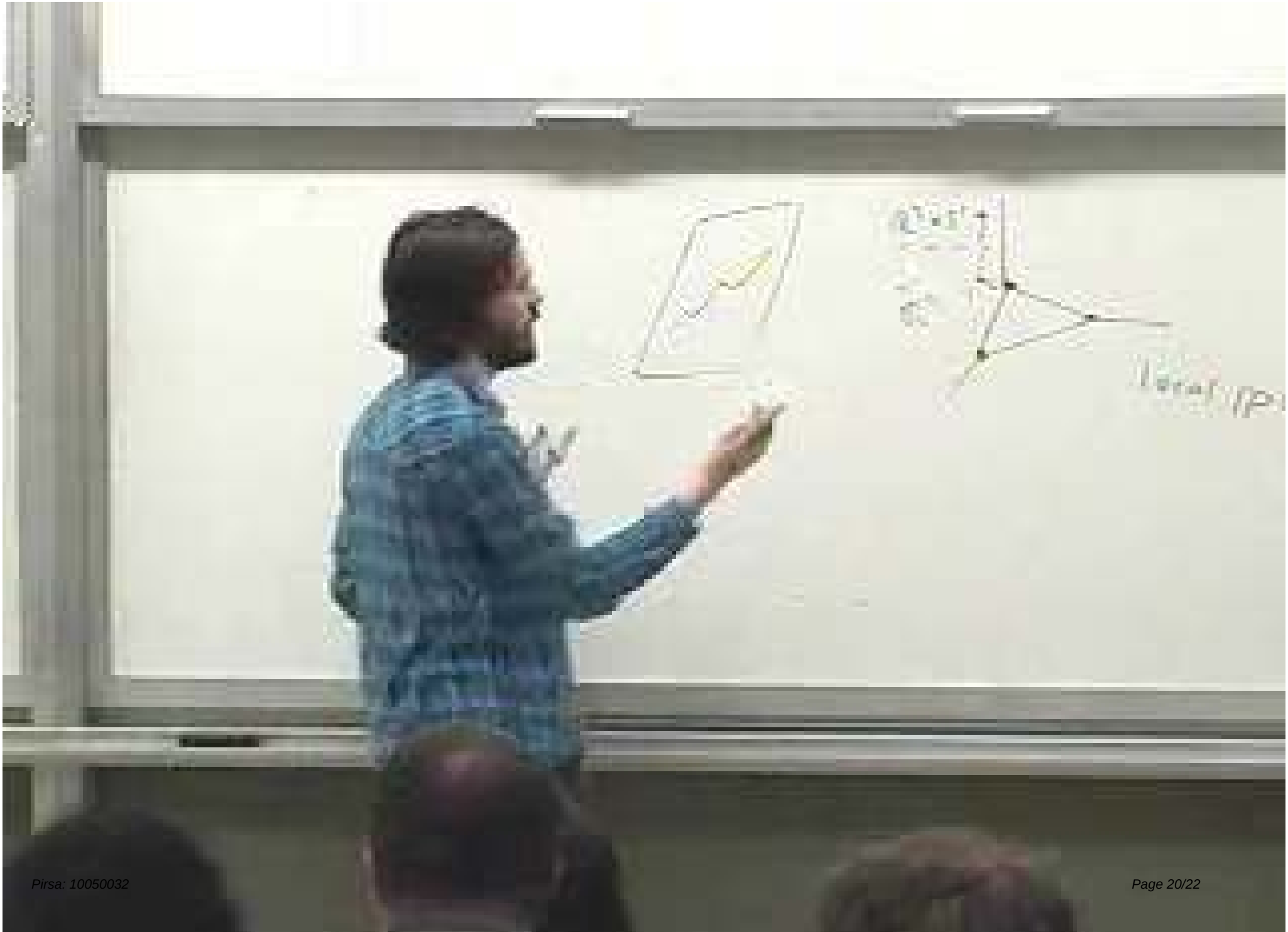
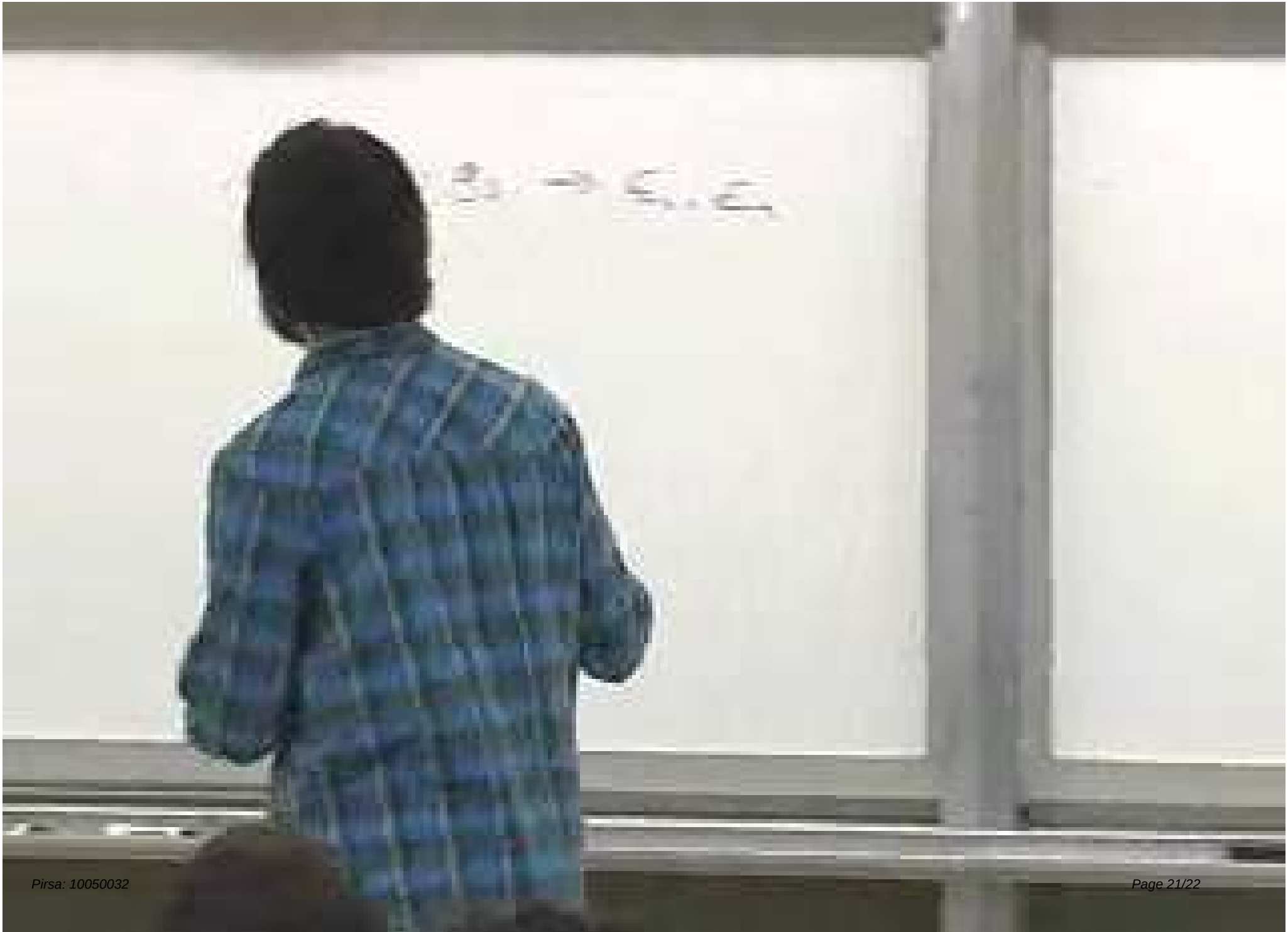
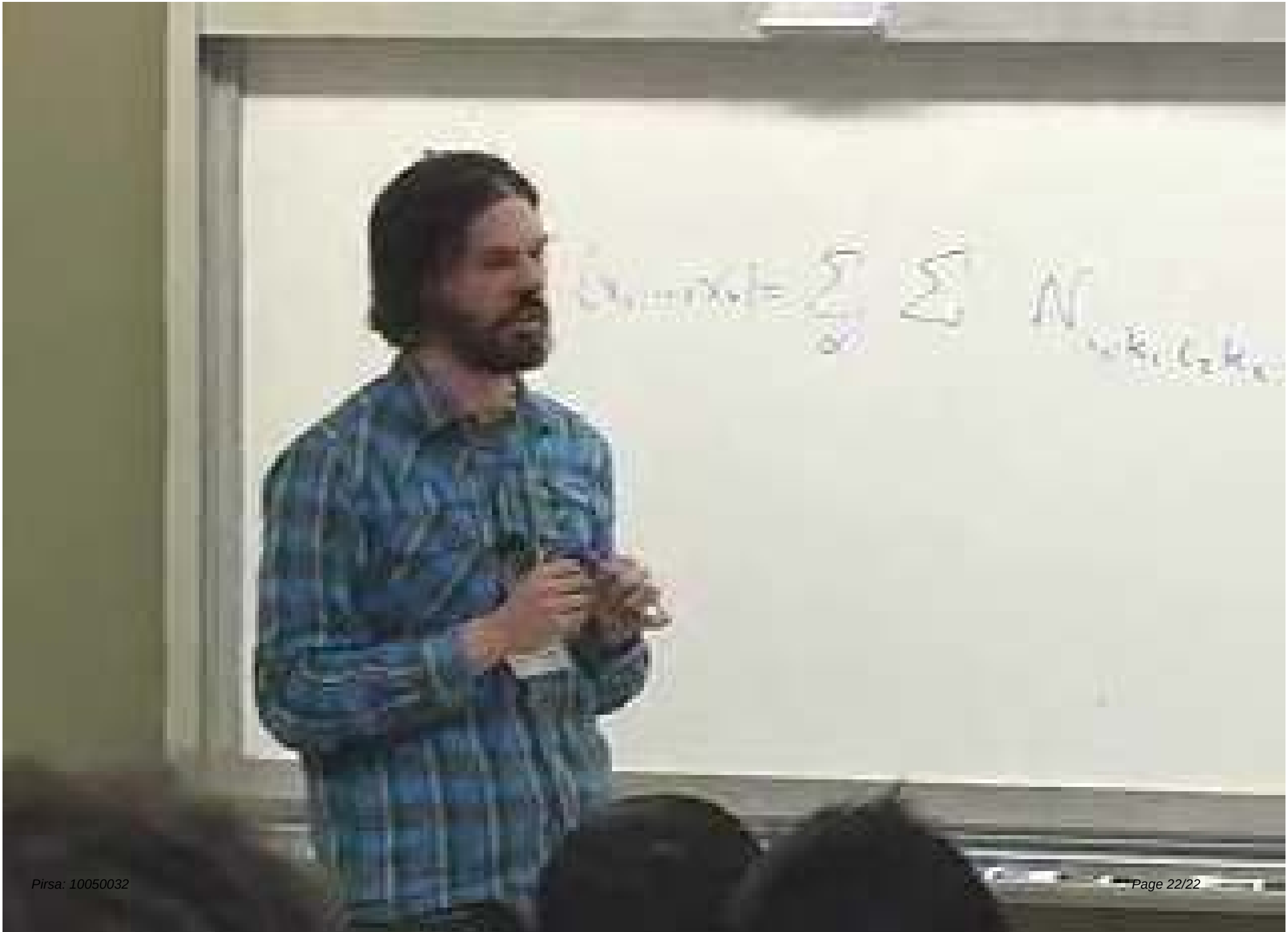











Gliu theory
X = toric CY 3-fold