Title: Quasisymmetric characteristic numbers for Hamiltonian toric manifolds

Speakers: Jack Morava

Collection: Elliptic Cohomology and Physics

Date: May 26, 2020 - 7:00 PM

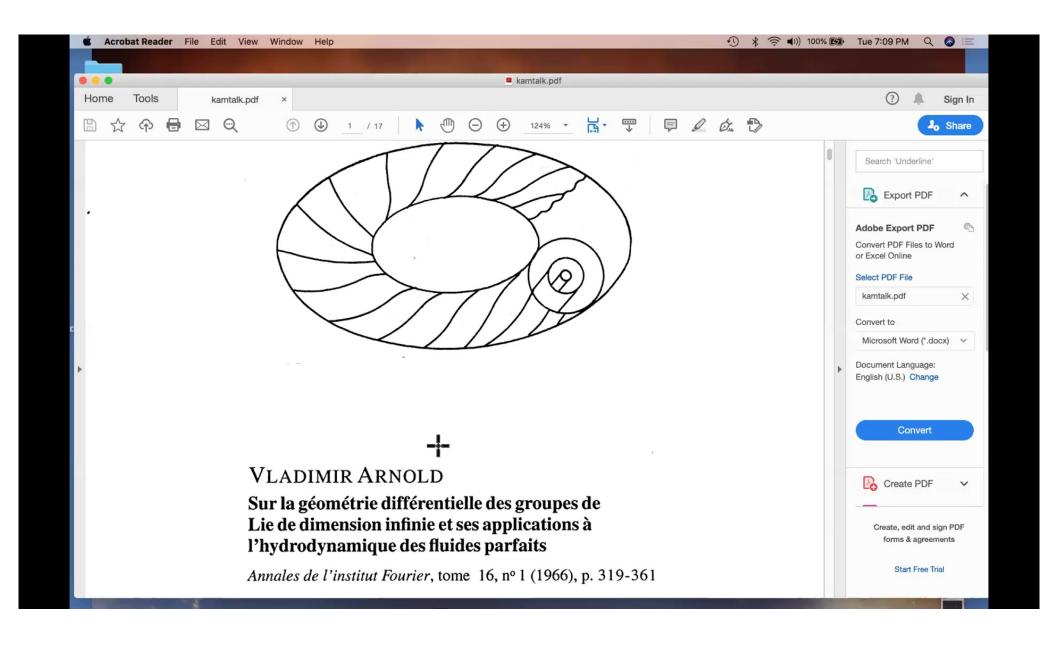
URL: http://pirsa.org/20050054

Abstract: Baker and Richter's \$A_\infty\$ analog of the complex cobordism spectrum provides characteristic numbers for complex-oriented toric manifolds, which generalize to define similar invariants for Hamiltonian toric dynamical systems: roughly, the `completely integrable' systems of classical mechanics which (by KAM theory) possess remarkable stability properties. arXiv:1910.12609

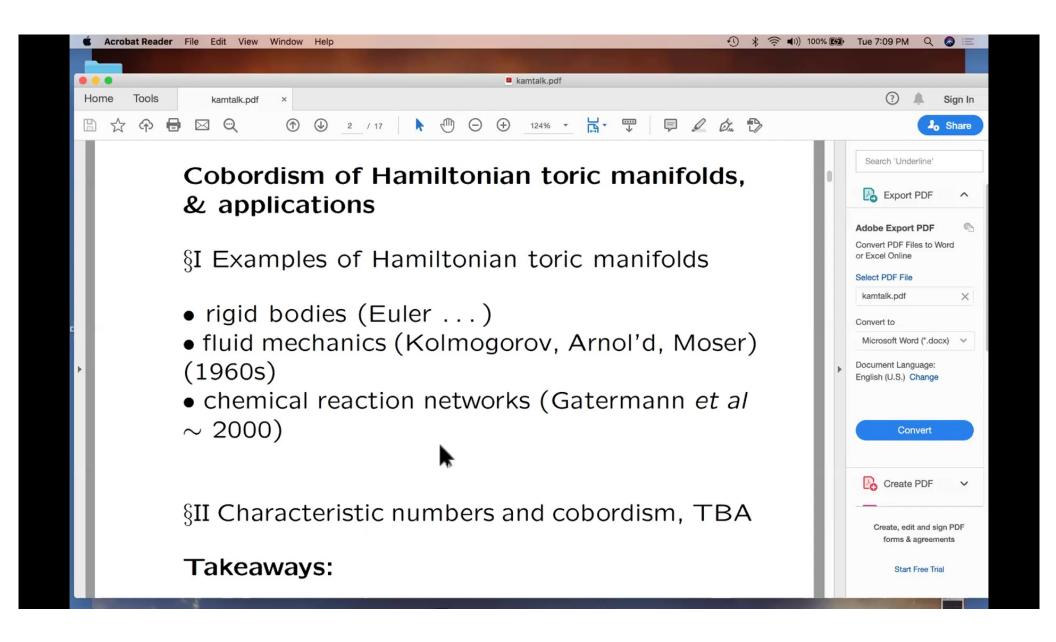
Pirsa: 20050054 Page 1/34



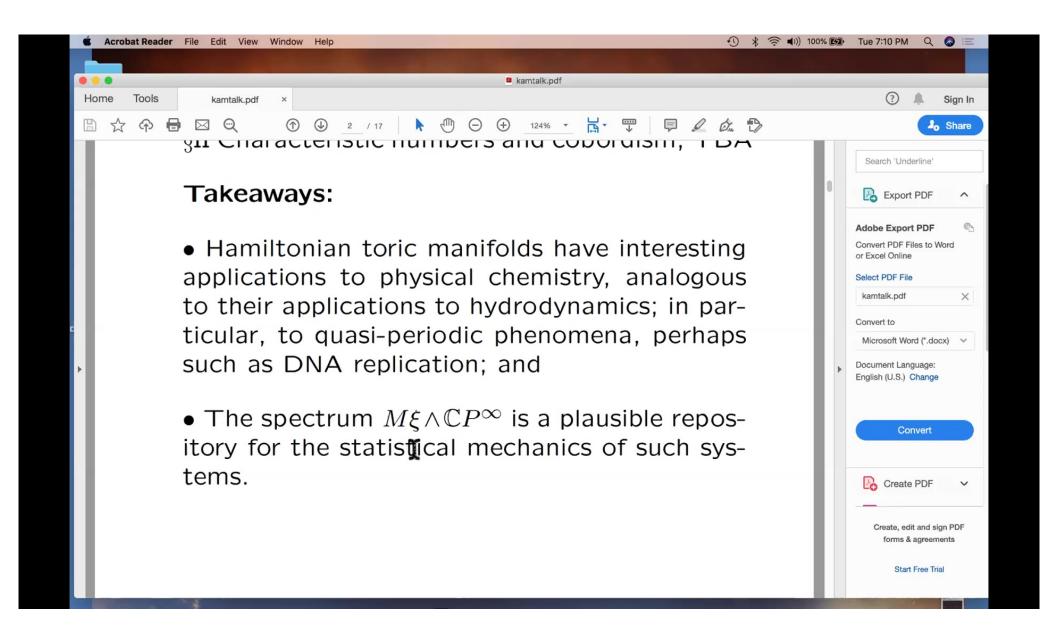
Pirsa: 20050054 Page 2/34



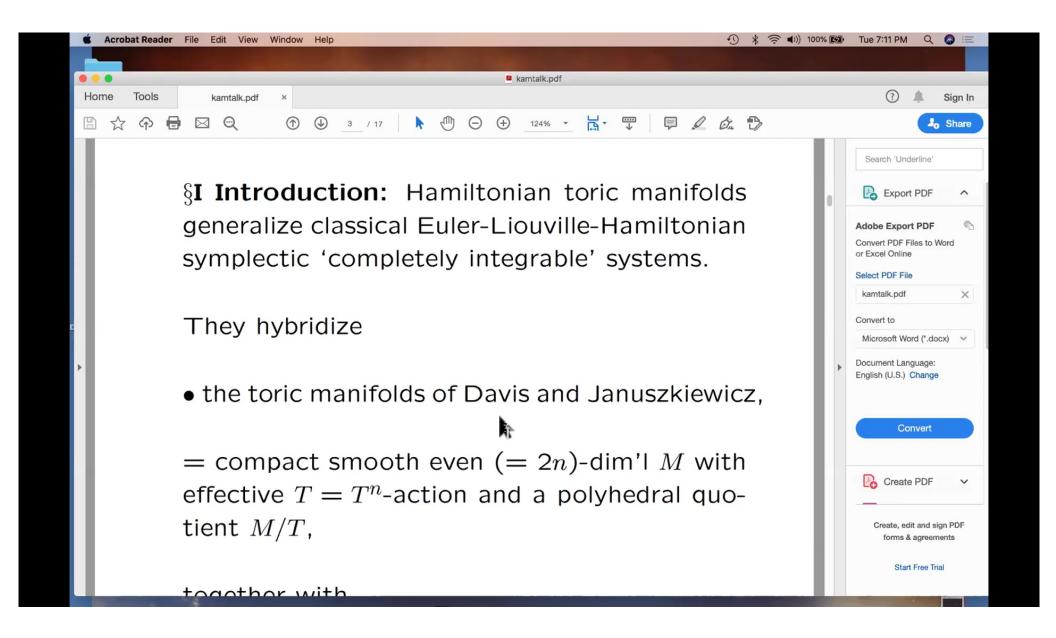
Pirsa: 20050054 Page 3/34



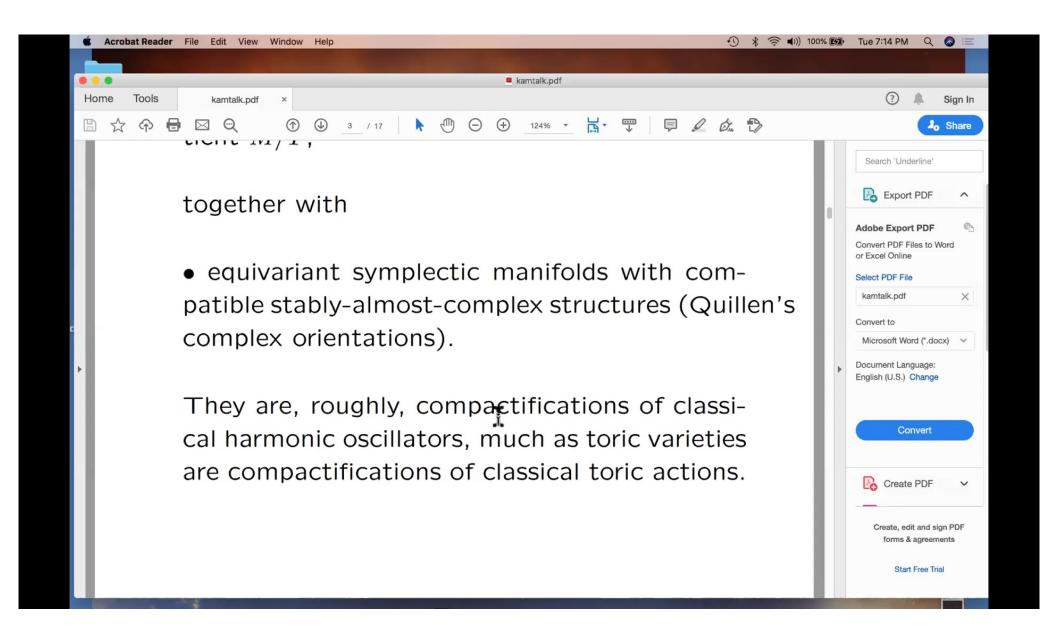
Pirsa: 20050054 Page 4/34



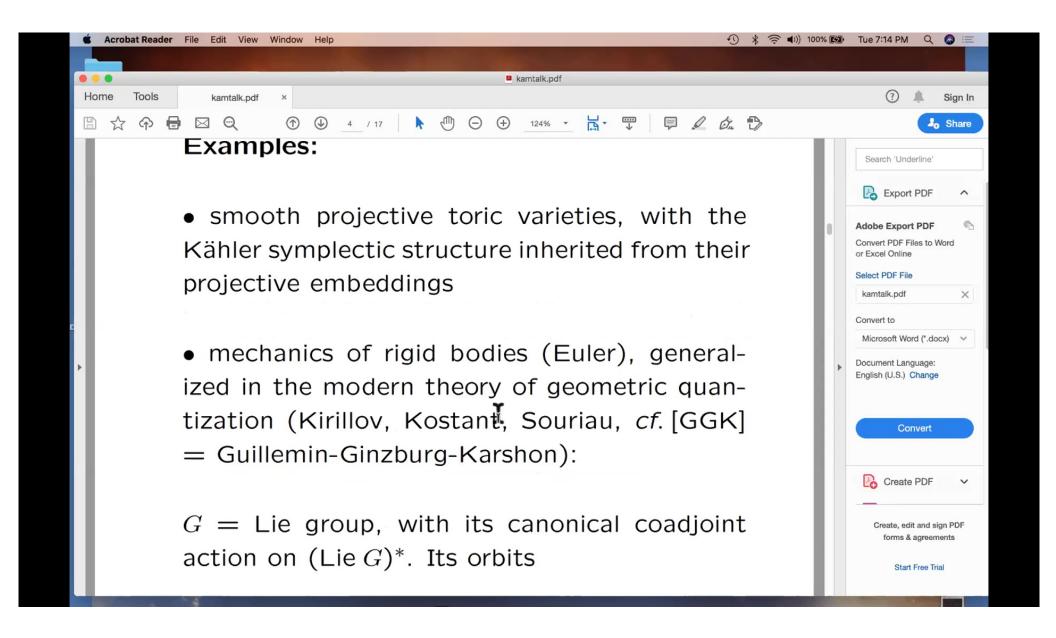
Pirsa: 20050054 Page 5/34



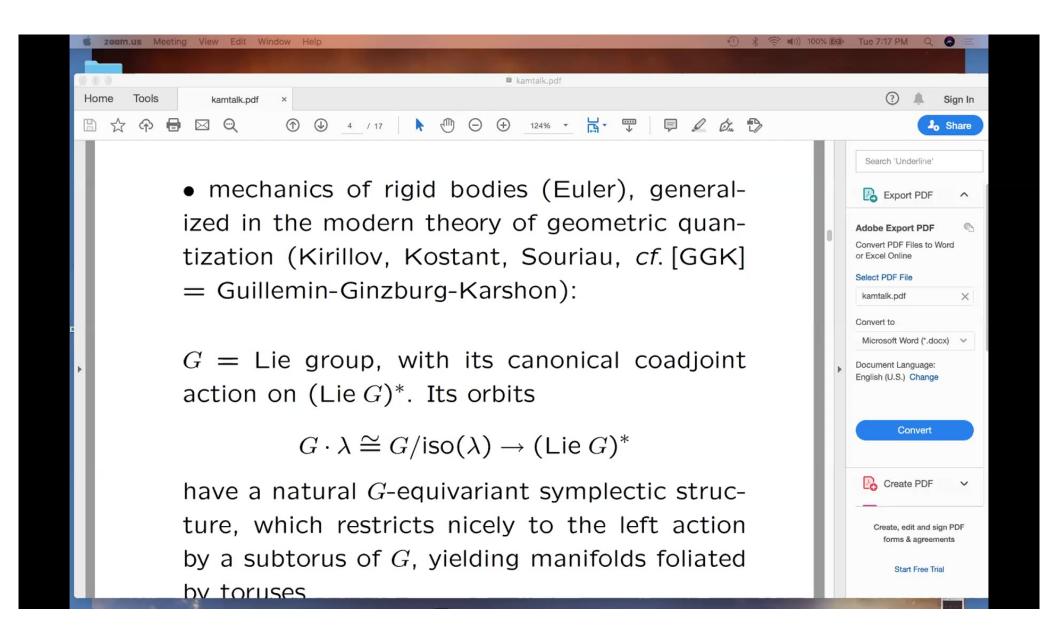
Pirsa: 20050054 Page 6/34



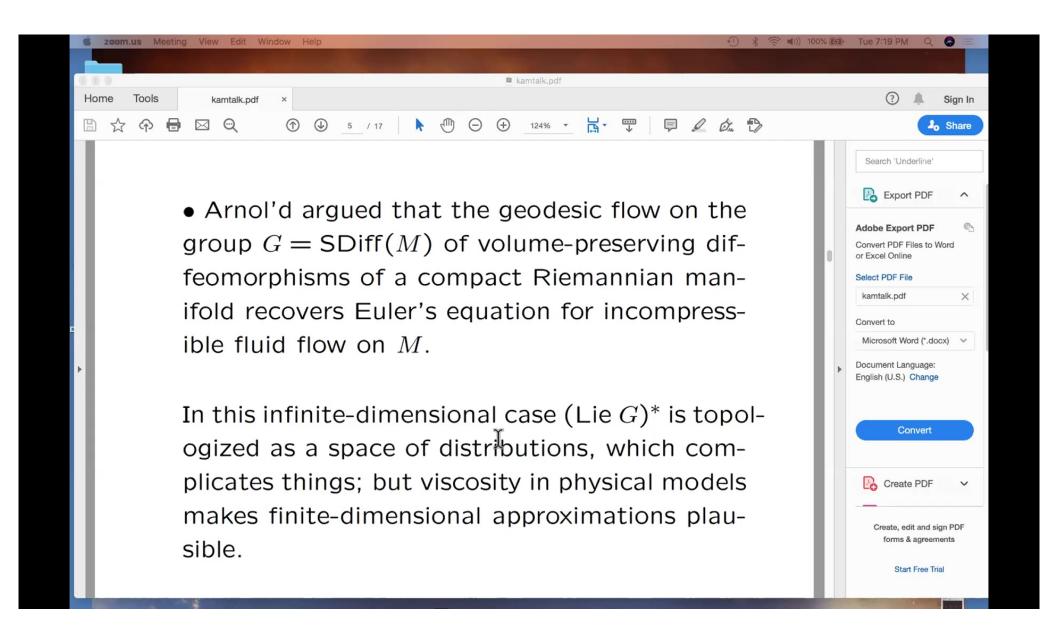
Pirsa: 20050054 Page 7/34



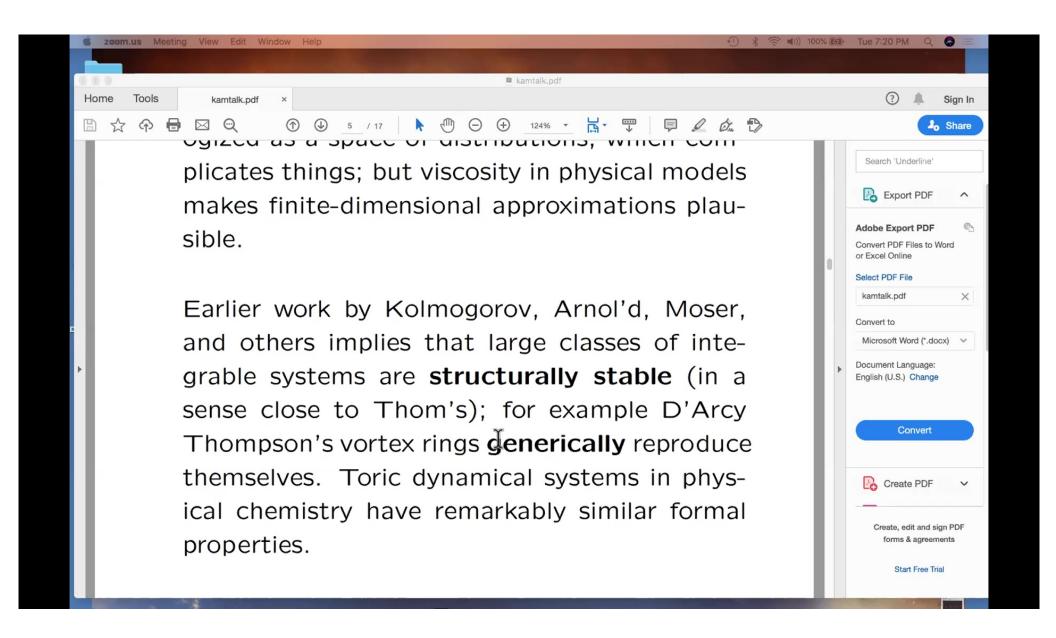
Pirsa: 20050054 Page 8/34



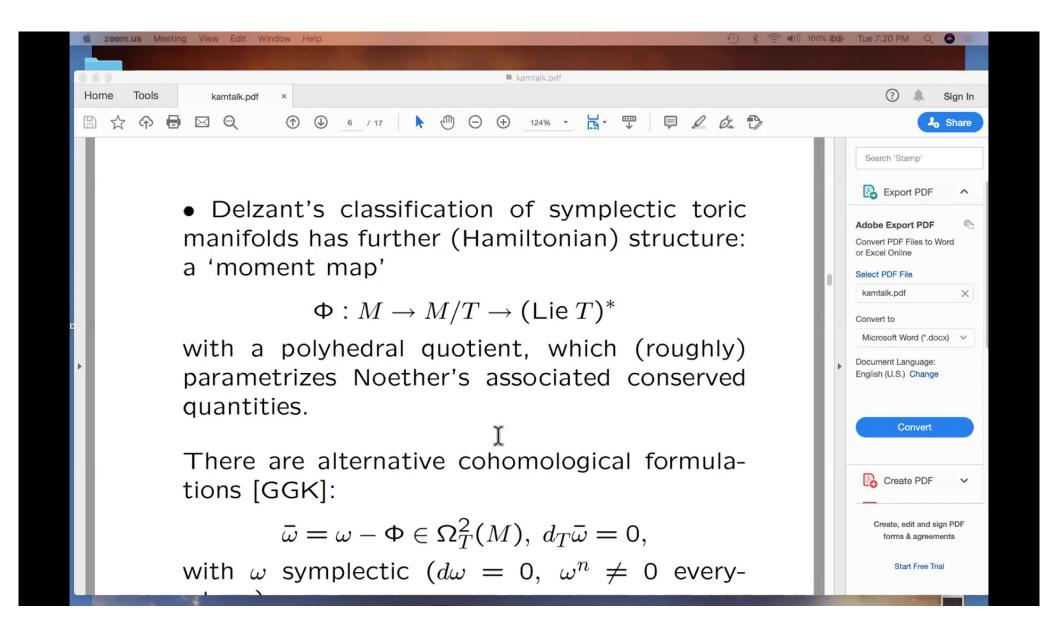
Pirsa: 20050054 Page 9/34



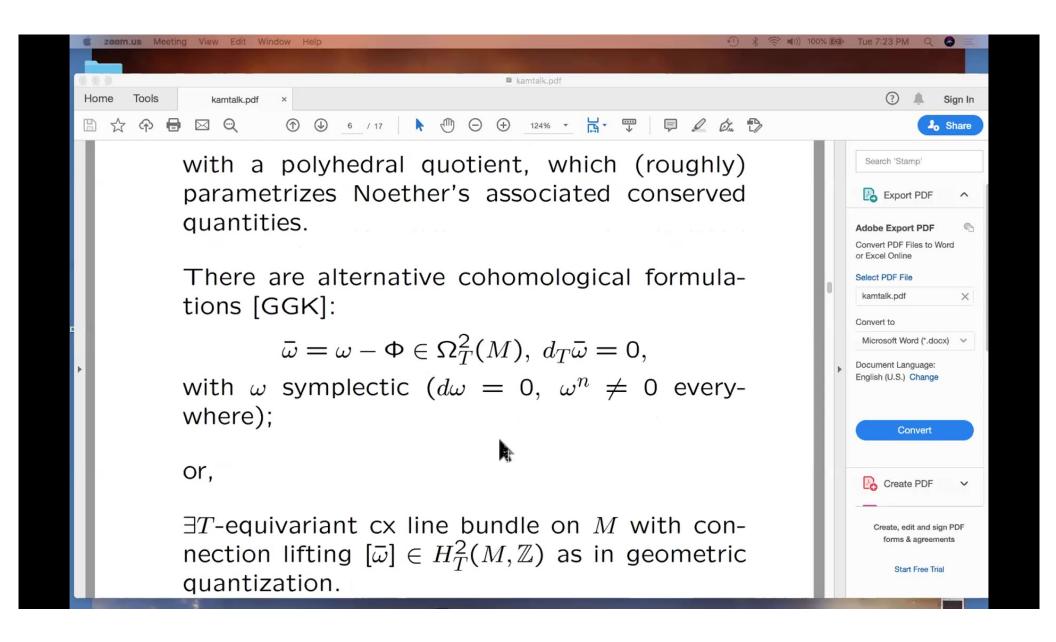
Pirsa: 20050054 Page 10/34



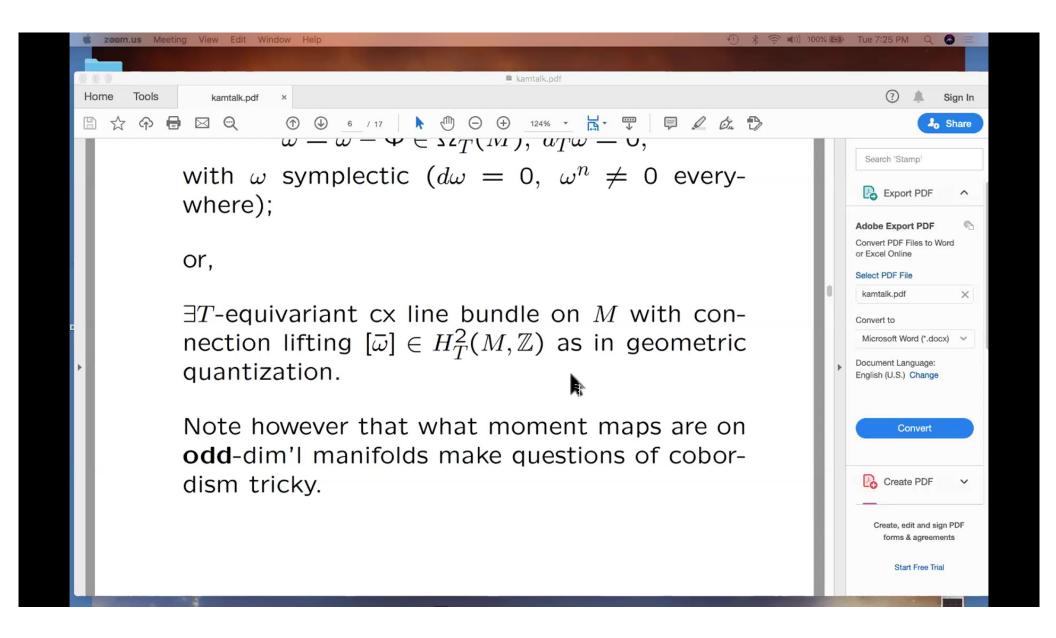
Pirsa: 20050054 Page 11/34



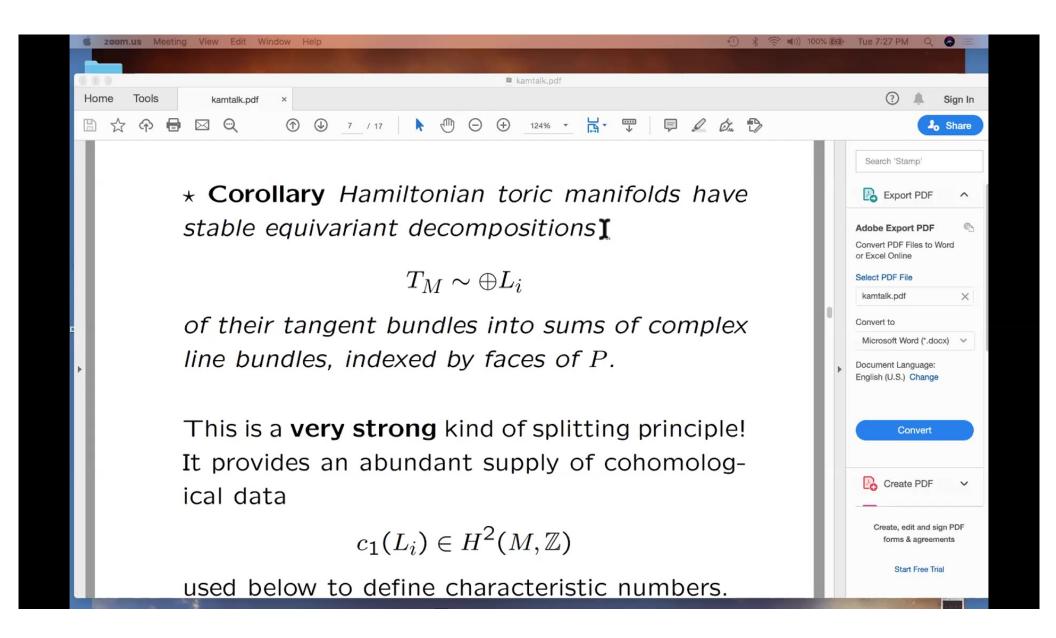
Pirsa: 20050054 Page 12/34



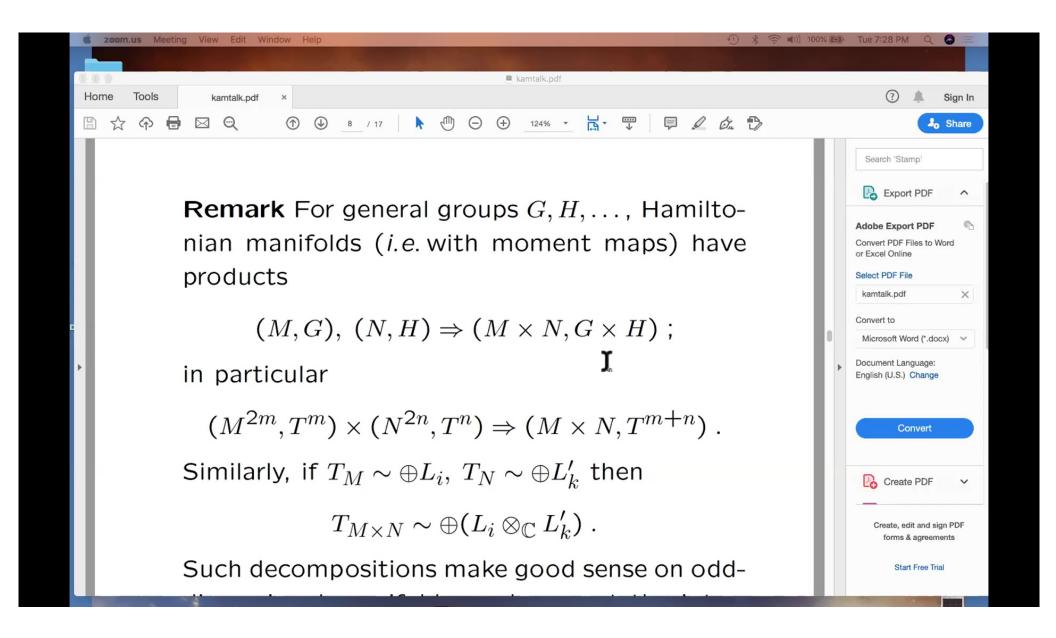
Pirsa: 20050054 Page 13/34



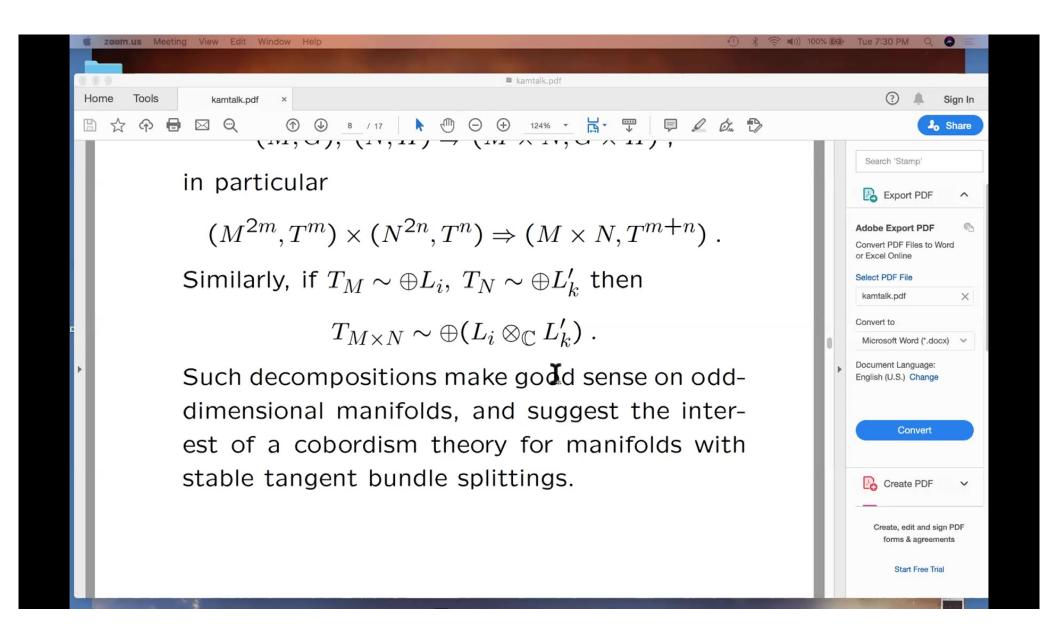
Pirsa: 20050054 Page 14/34



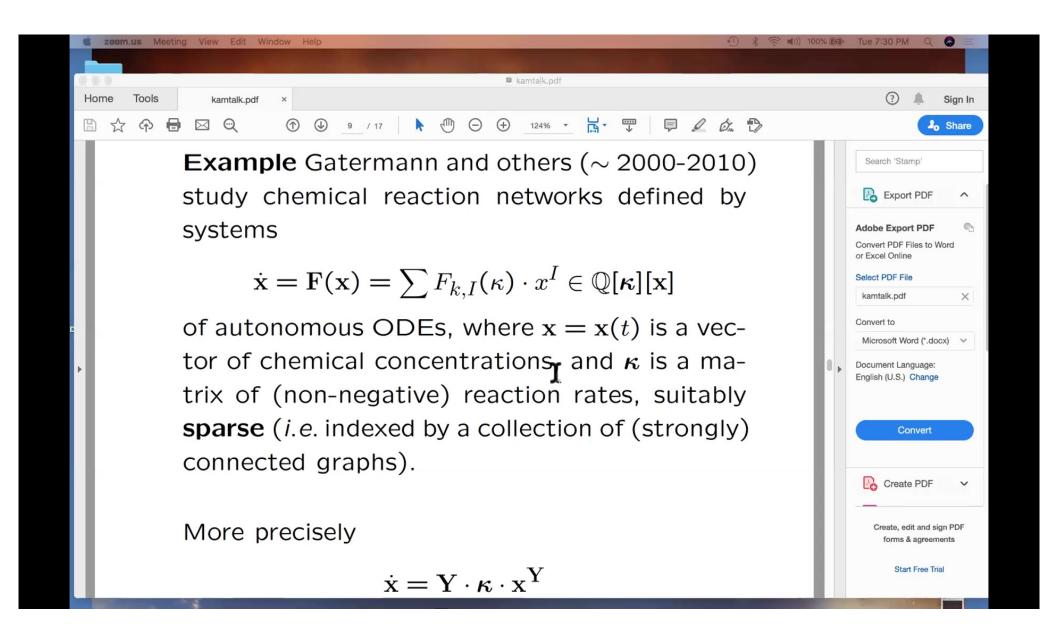
Pirsa: 20050054 Page 15/34



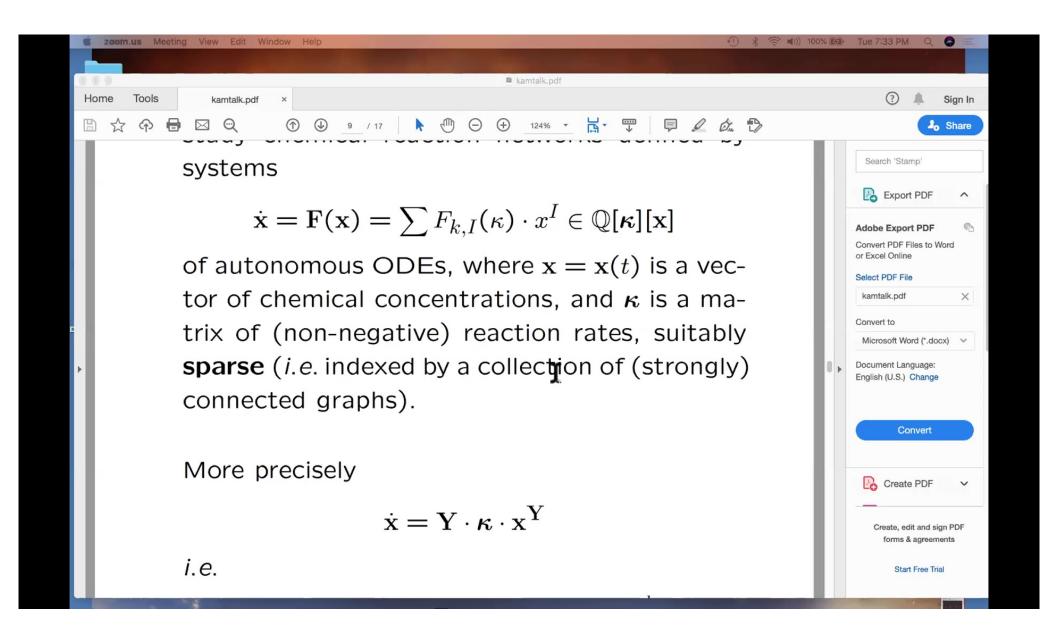
Pirsa: 20050054 Page 16/34



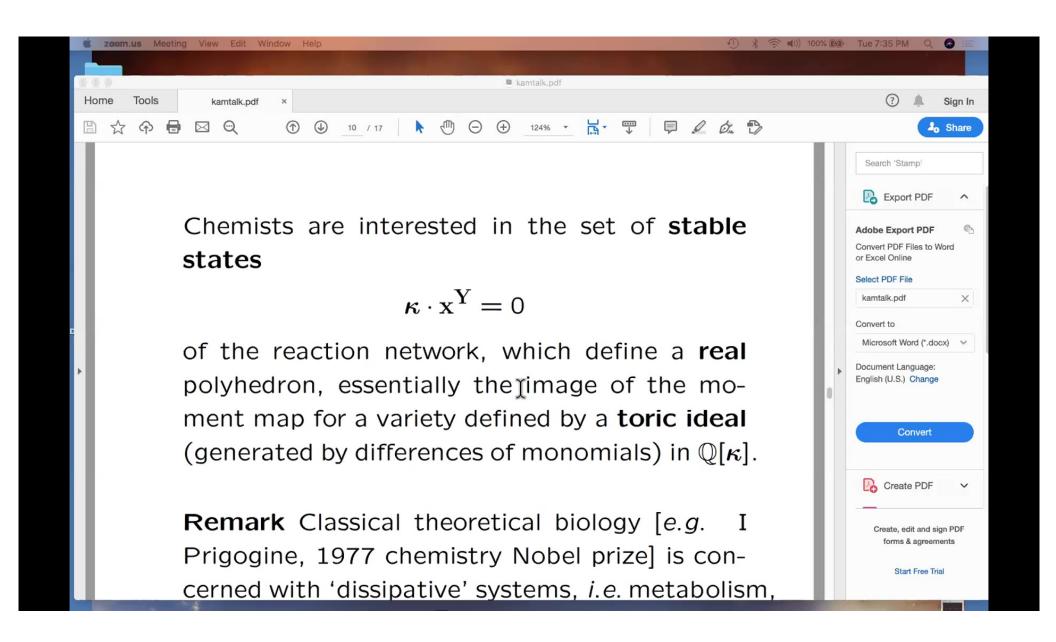
Pirsa: 20050054 Page 17/34



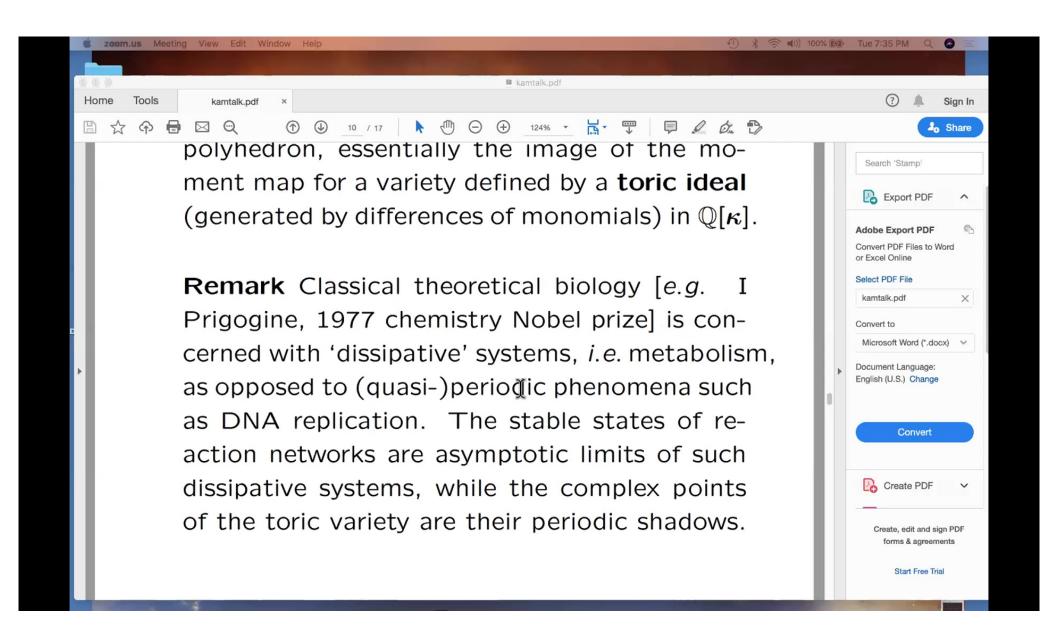
Pirsa: 20050054 Page 18/34



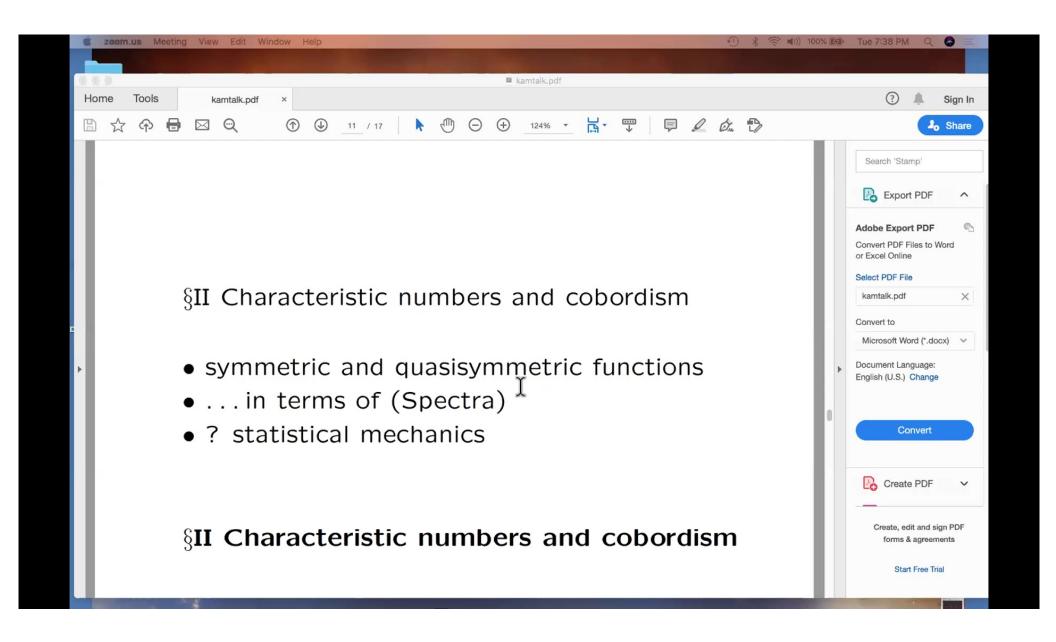
Pirsa: 20050054 Page 19/34



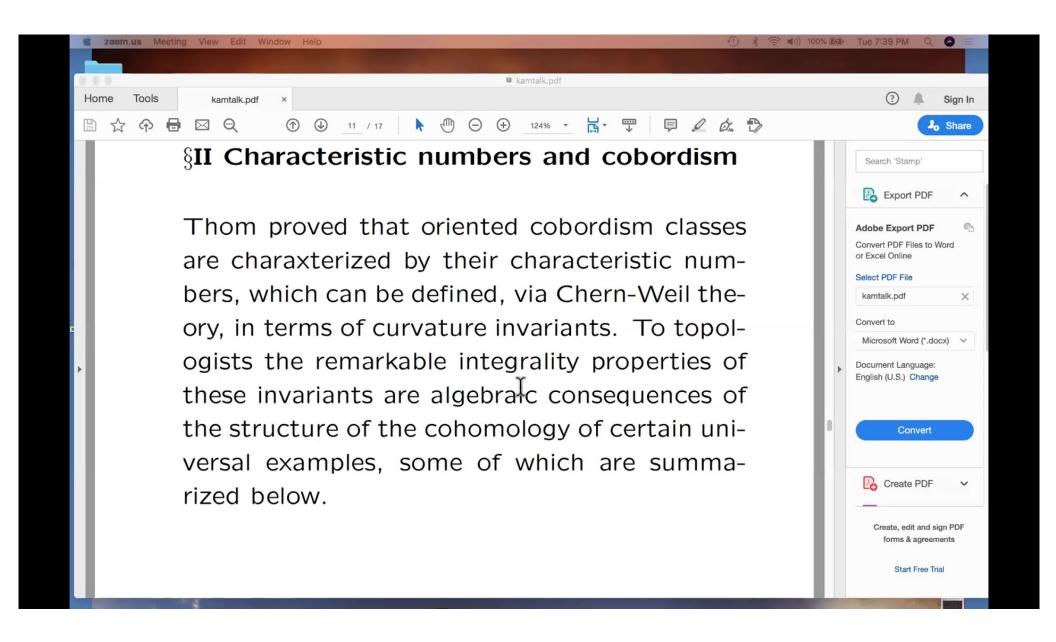
Pirsa: 20050054 Page 20/34



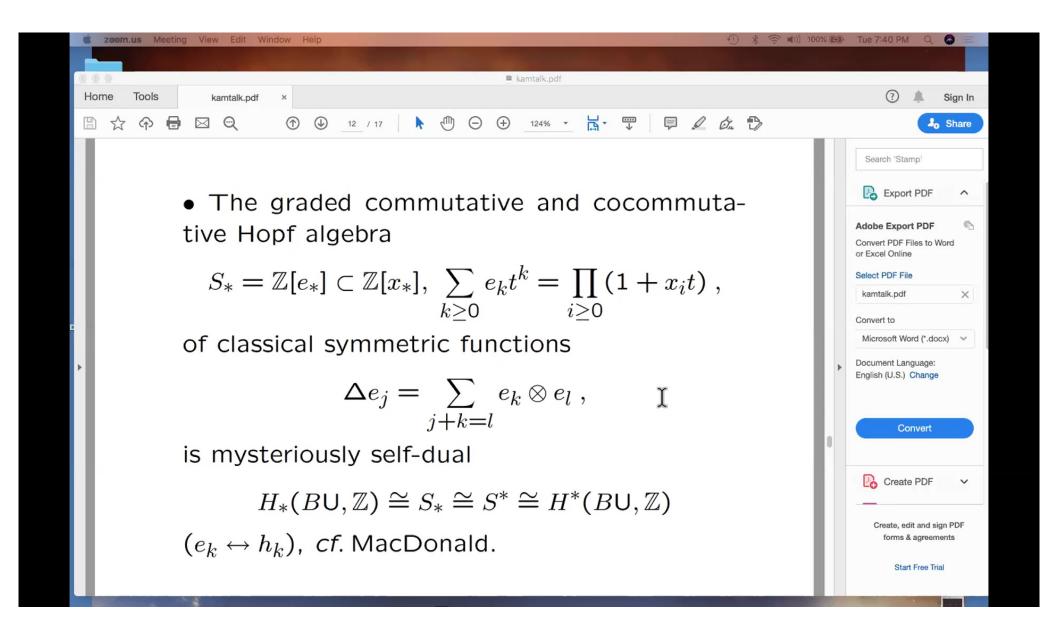
Pirsa: 20050054 Page 21/34



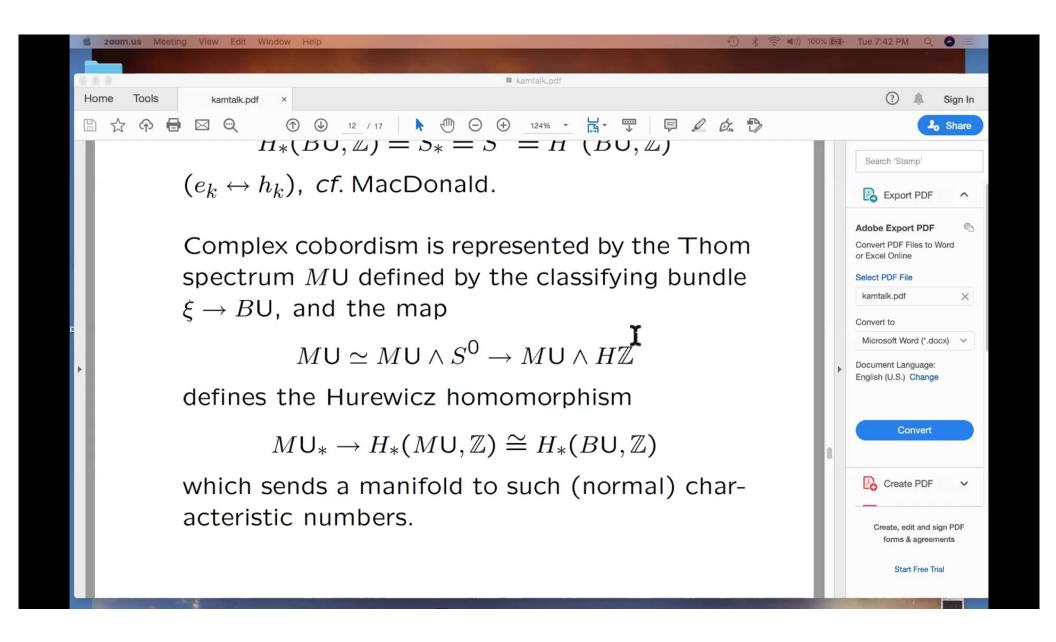
Pirsa: 20050054 Page 22/34



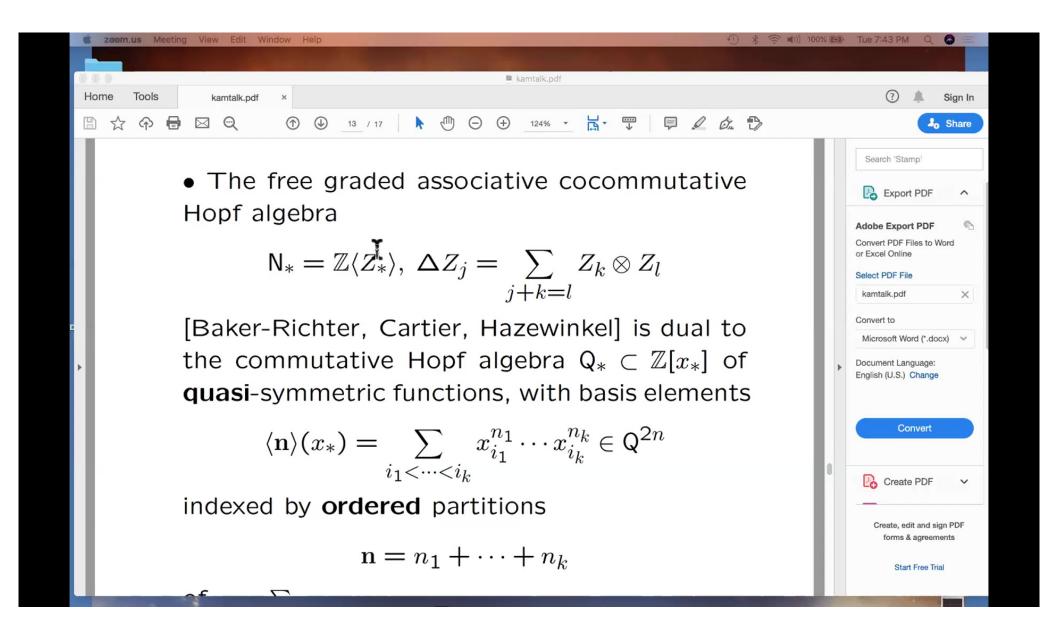
Pirsa: 20050054 Page 23/34



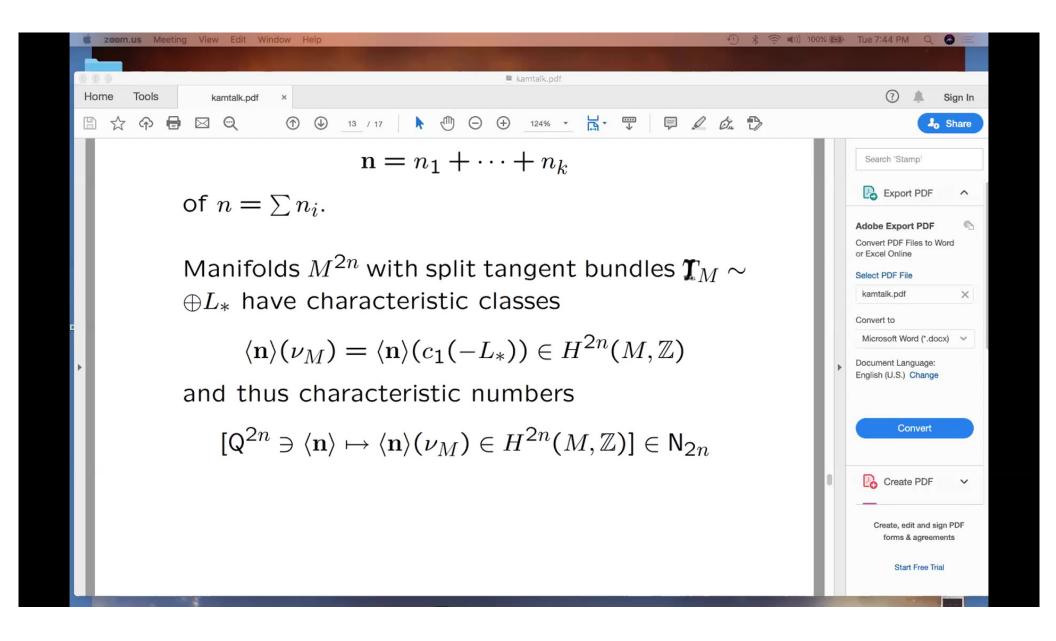
Pirsa: 20050054 Page 24/34



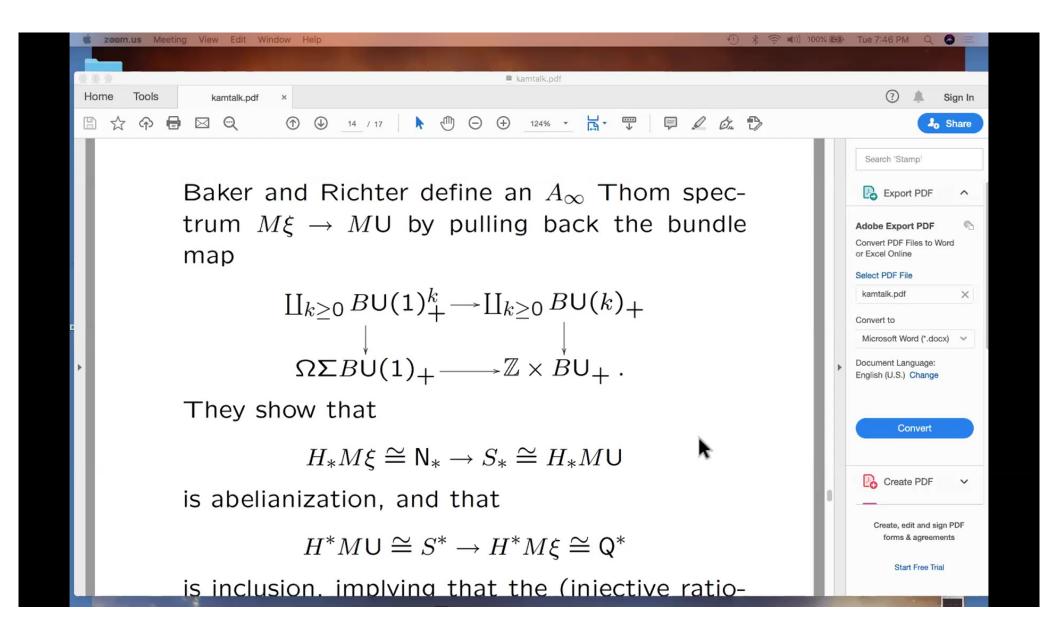
Pirsa: 20050054 Page 25/34



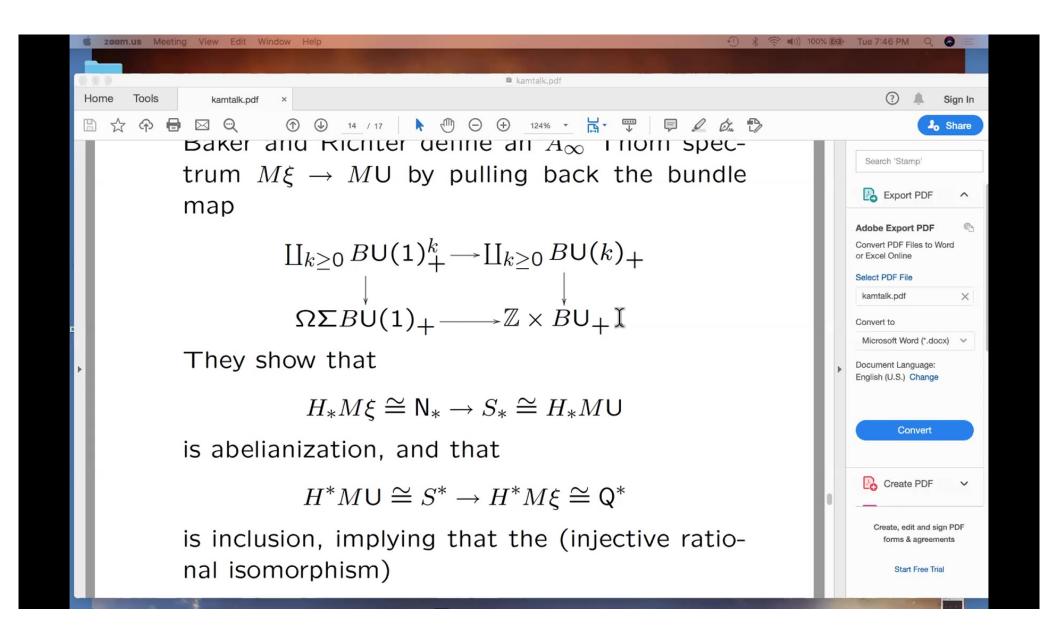
Pirsa: 20050054 Page 26/34



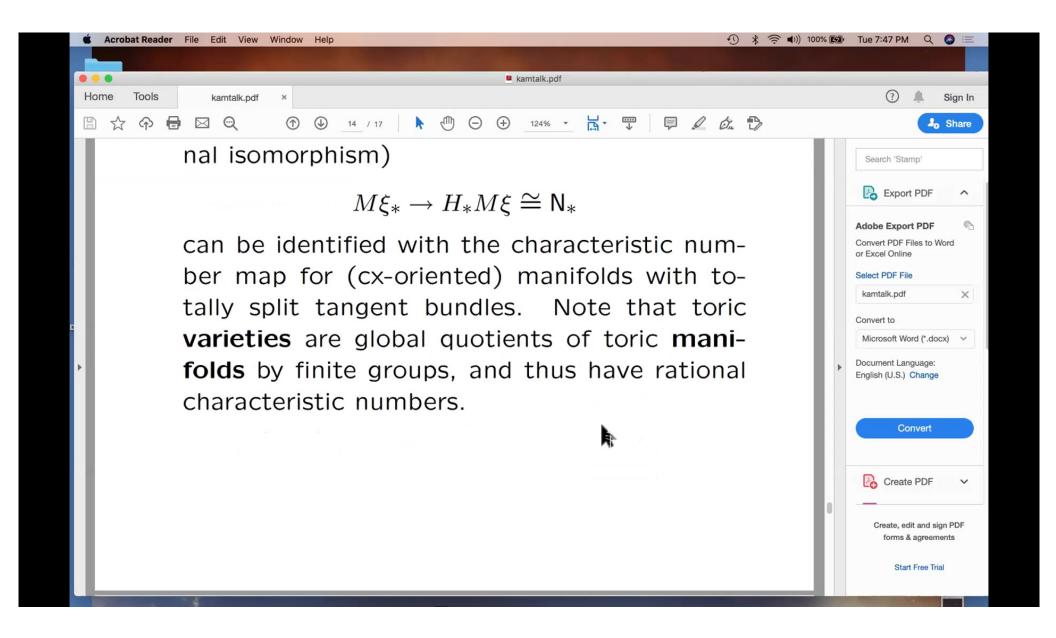
Pirsa: 20050054 Page 27/34



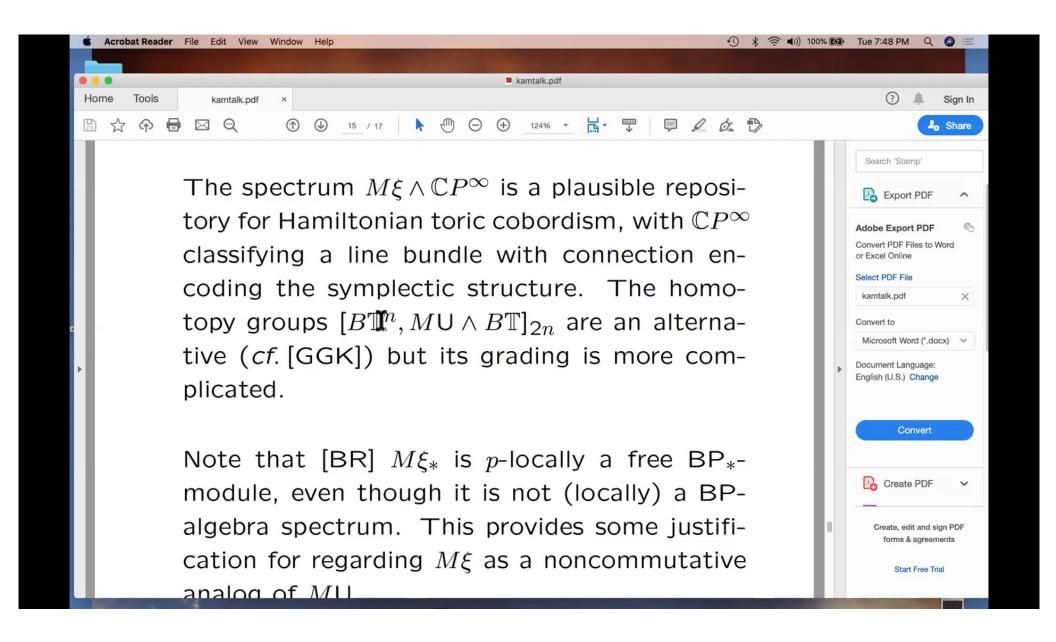
Pirsa: 20050054 Page 28/34



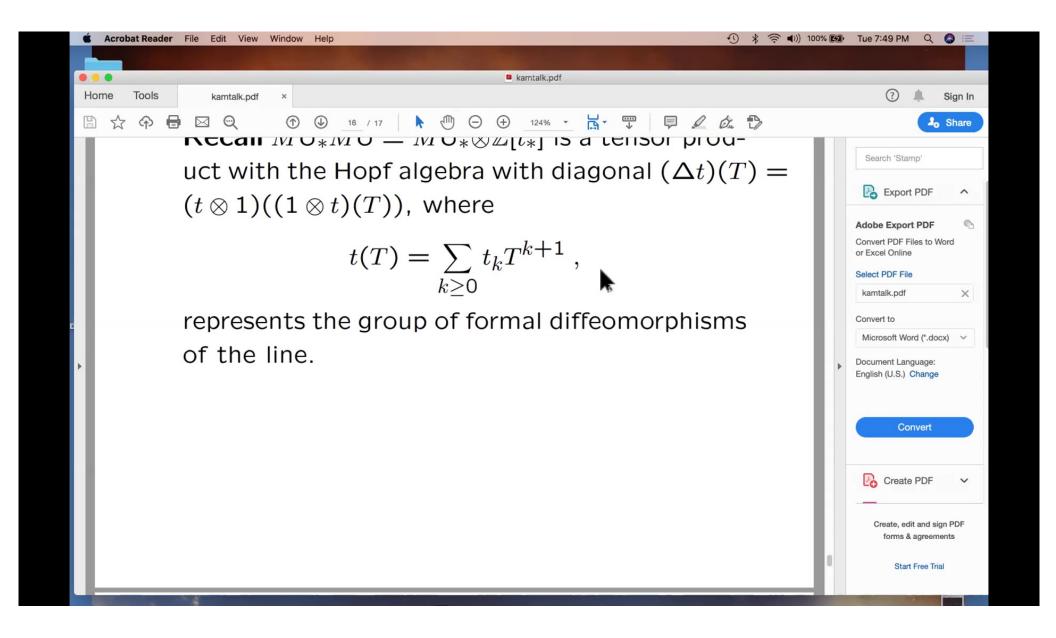
Pirsa: 20050054 Page 29/34



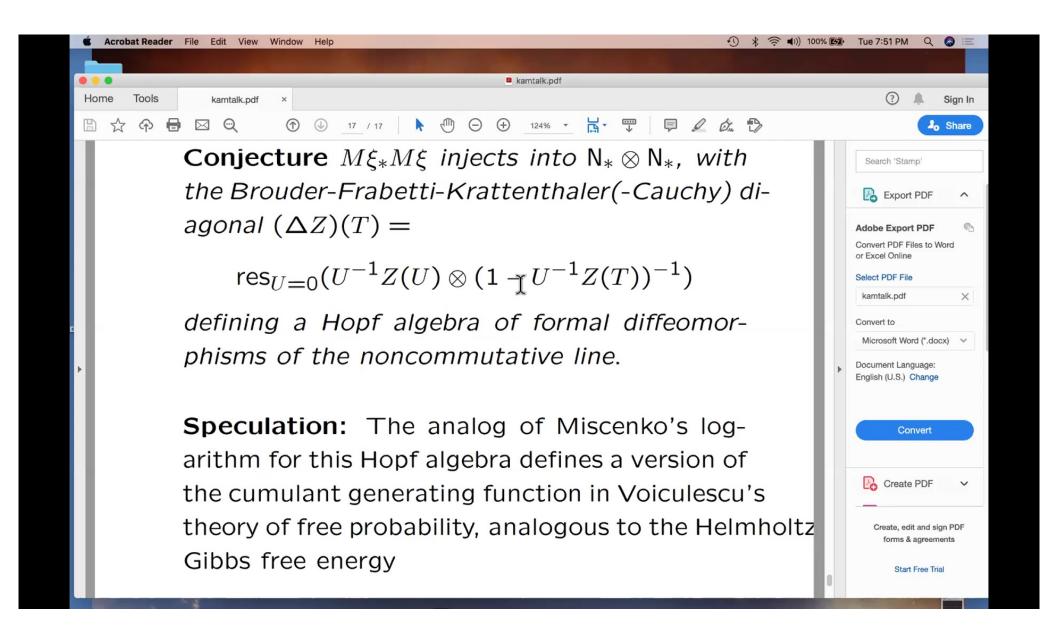
Pirsa: 20050054 Page 30/34



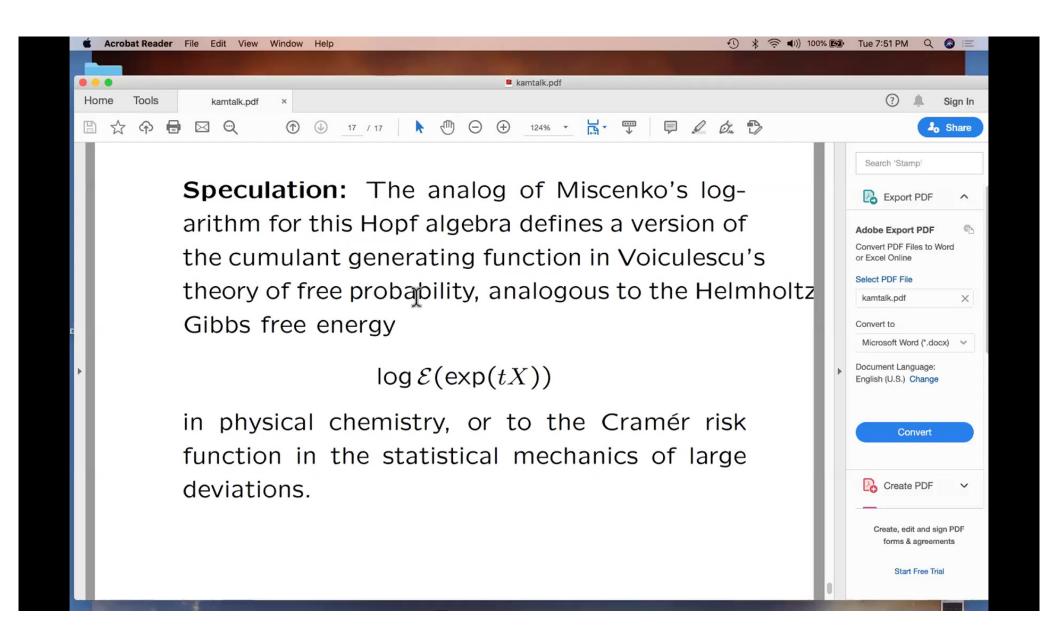
Pirsa: 20050054 Page 31/34



Pirsa: 20050054 Page 32/34



Pirsa: 20050054 Page 33/34



Pirsa: 20050054 Page 34/34