Title: Universality at large transverse spin in defect CFTs

Speakers: Madalena Lemos

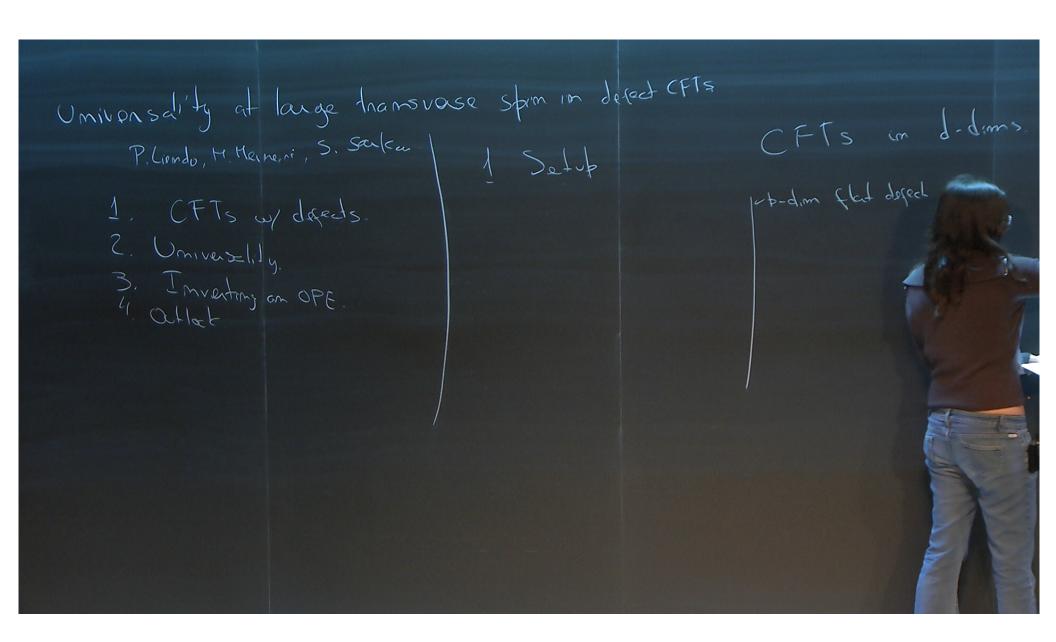
Collection: Boundaries and Defects in Quantum Field Theory

Date: August 06, 2019 - 11:45 AM

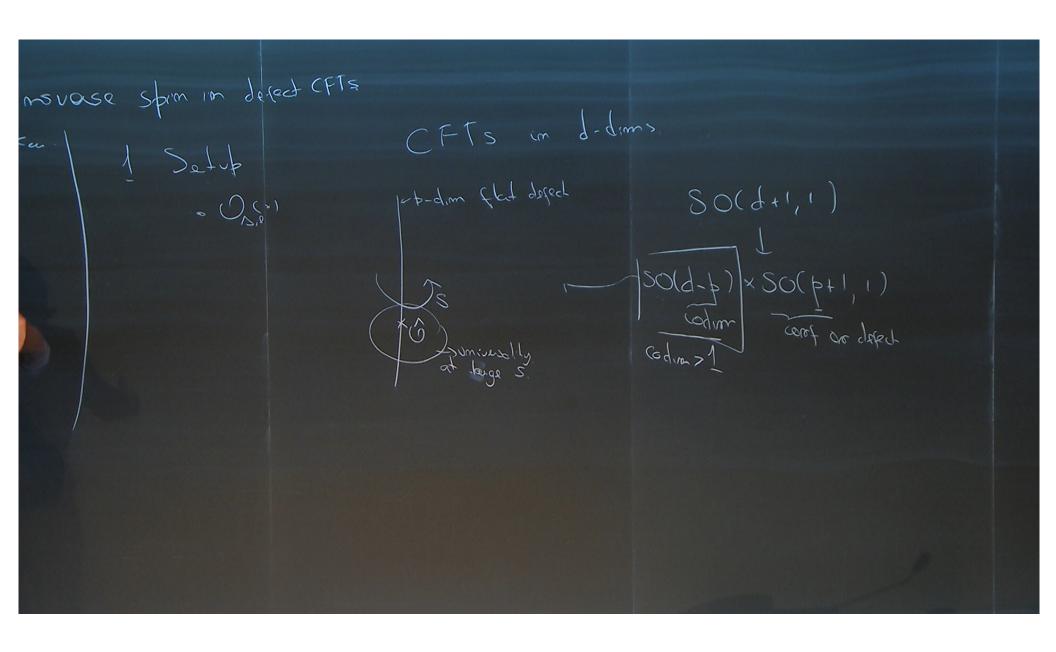
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Abstract: We study the spectrum of defect conformal field theories (CFTs), and show the existence of universal accumulation points in the defect spectrum. This is achieved by obtaining an inversion formula for the bulk to defect OPE, akin to the Lorentzian inversion formula of Caron-Huot for CFTs without defects. We conclude by applying the result in examples and with an outlook.

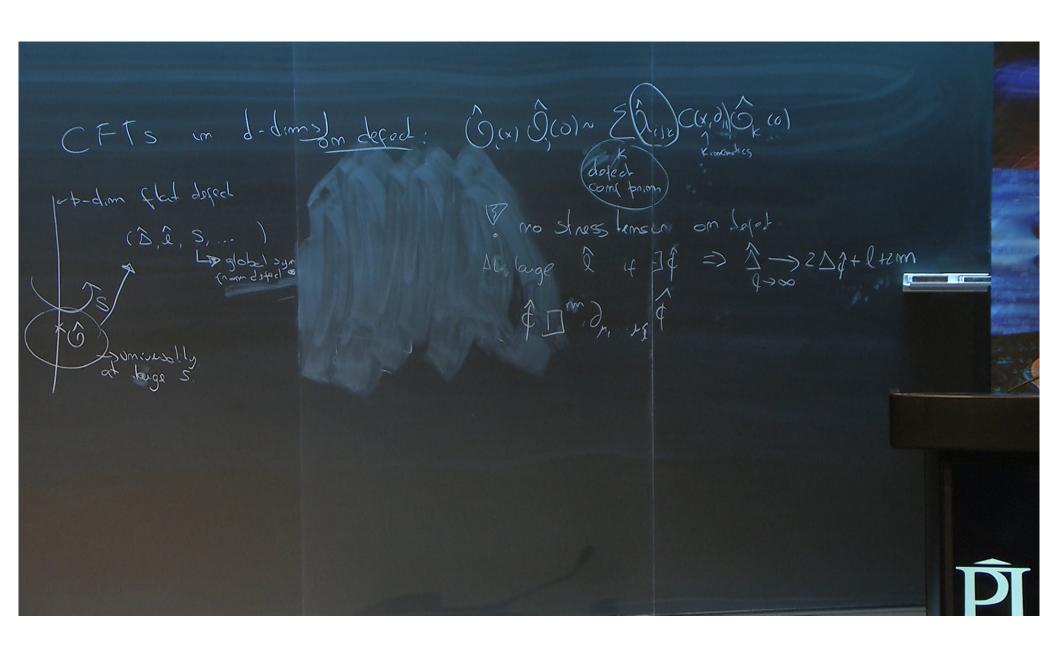
Pirsa: 19080057 Page 1/12



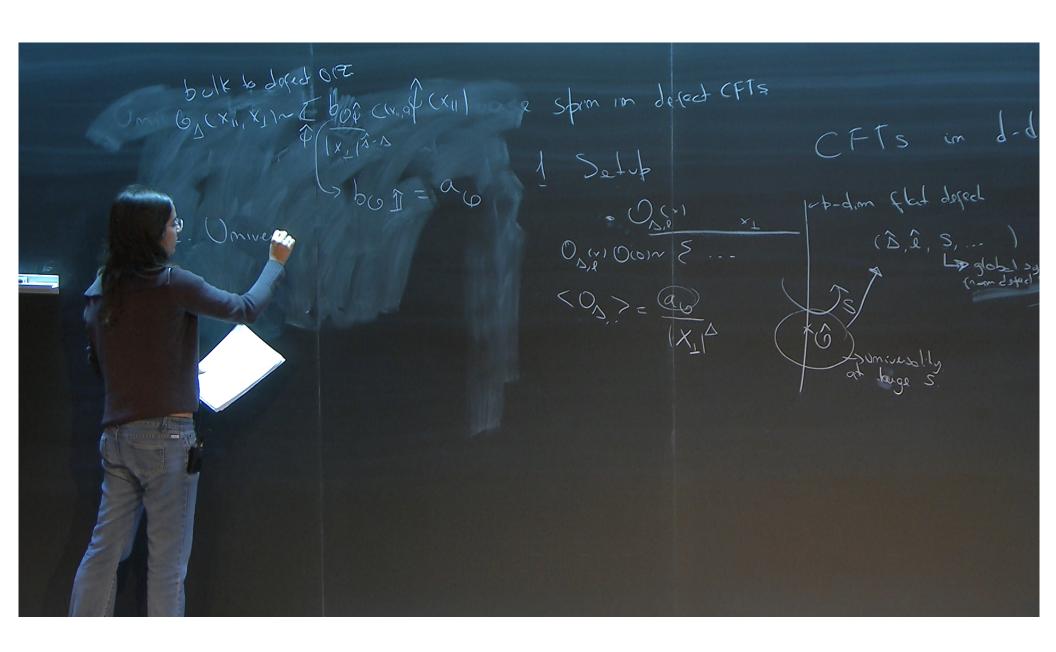
Pirsa: 19080057 Page 2/12



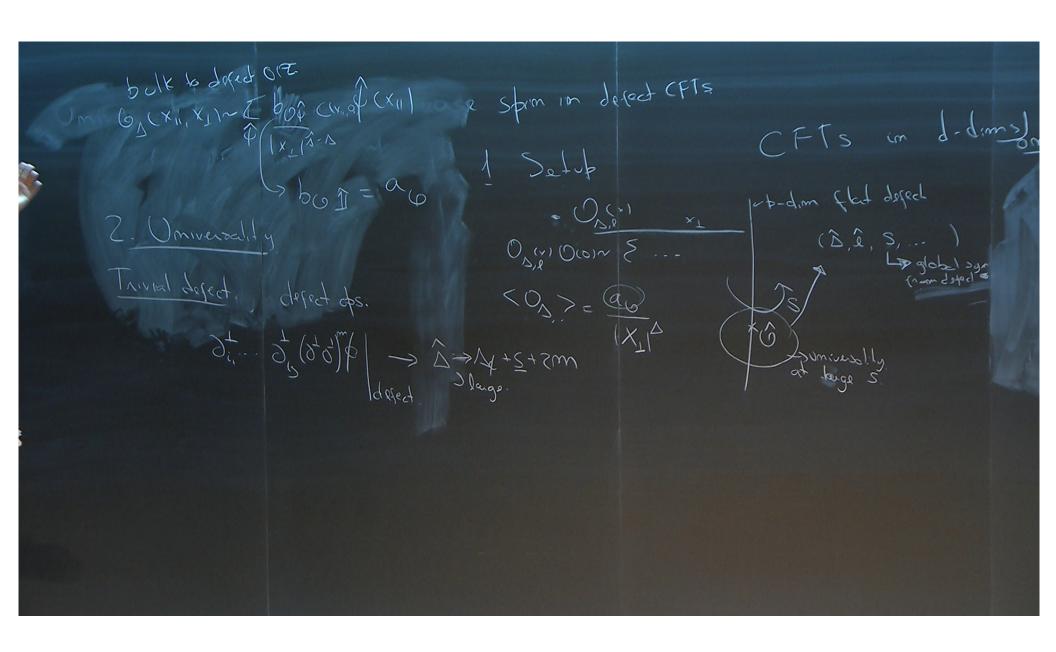
Pirsa: 19080057 Page 3/12



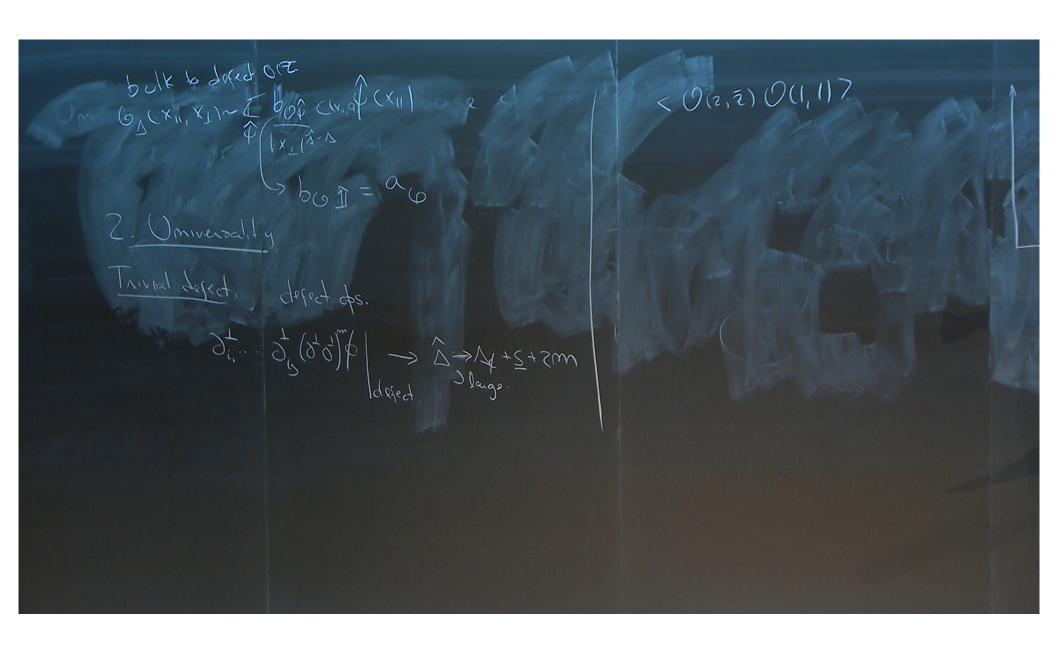
Pirsa: 19080057 Page 4/12



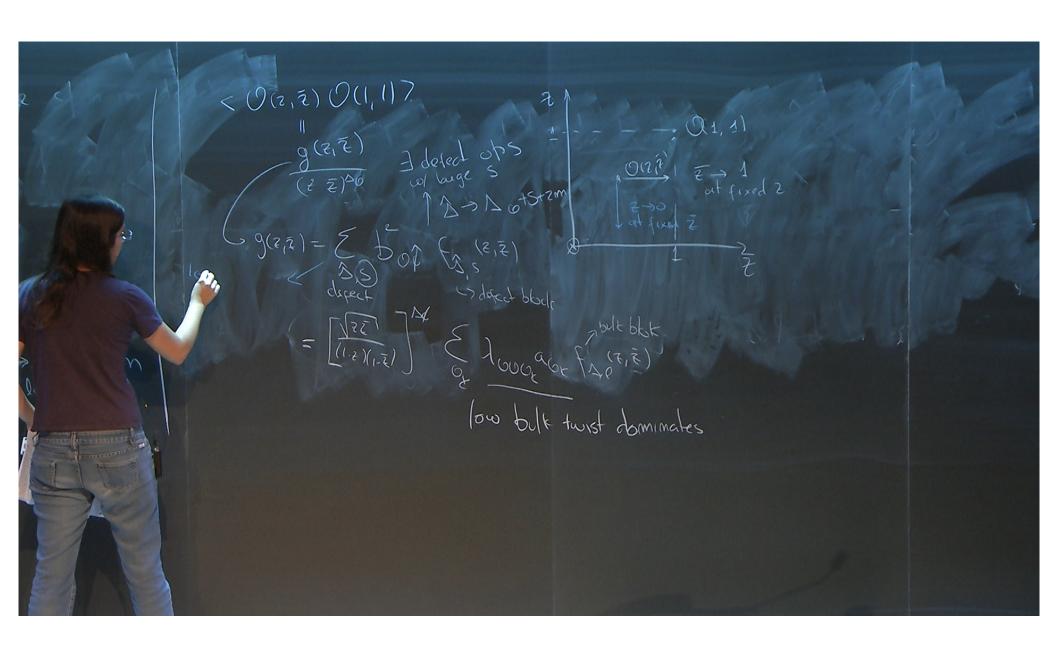
Pirsa: 19080057 Page 5/12



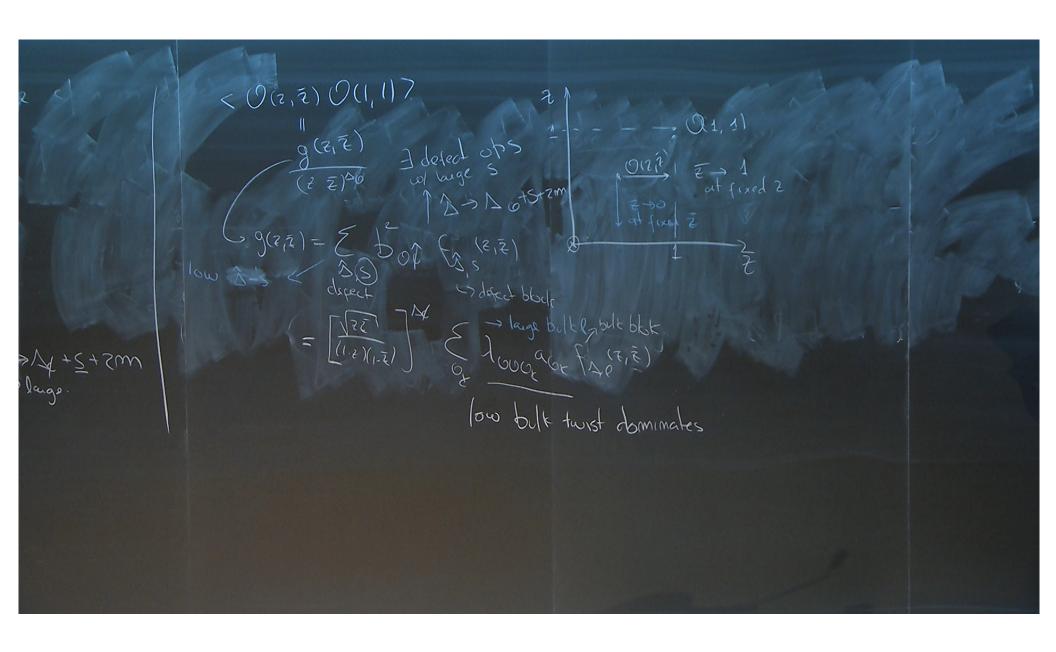
Pirsa: 19080057 Page 6/12



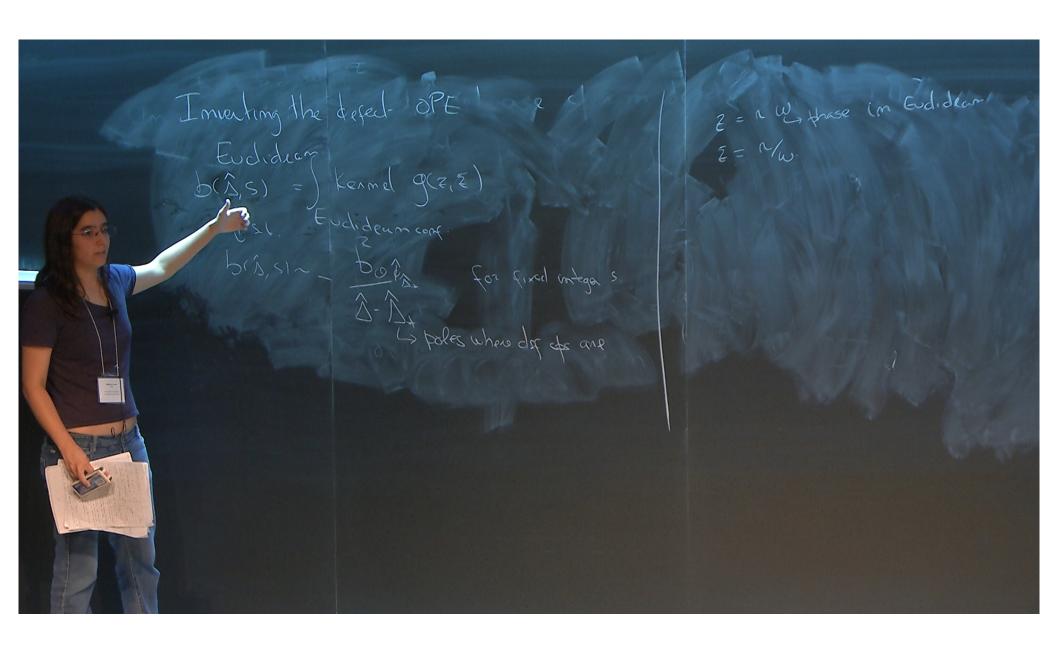
Pirsa: 19080057 Page 7/12



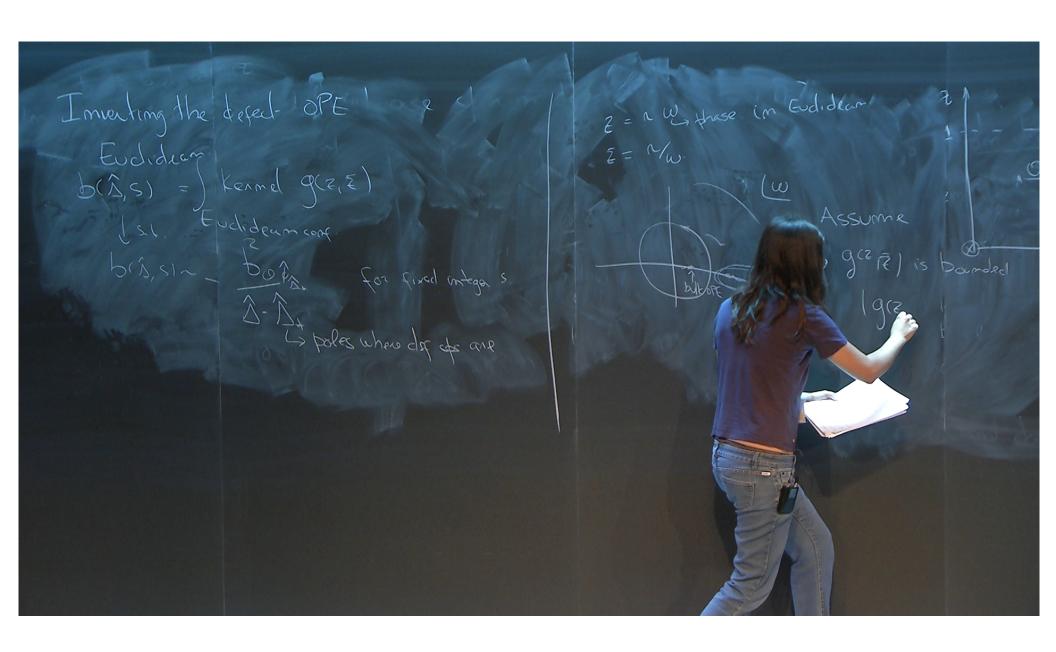
Pirsa: 19080057 Page 8/12



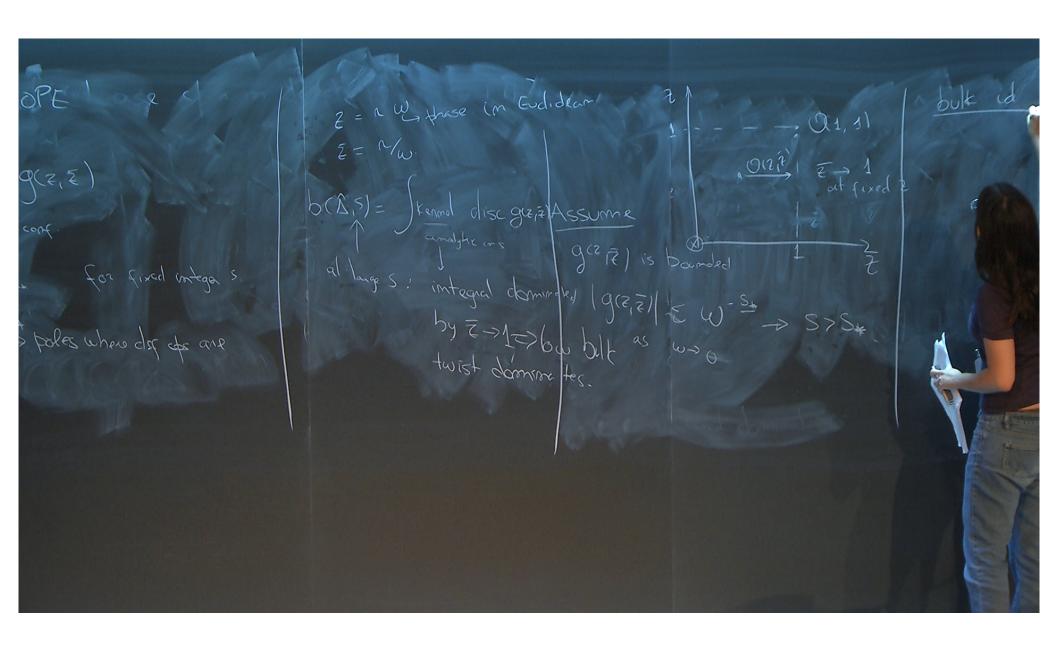
Pirsa: 19080057 Page 9/12



Pirsa: 19080057 Page 10/12



Pirsa: 19080057 Page 11/12



Pirsa: 19080057 Page 12/12