17:47:39 From Sa'ar Zehavi : Is there some canonical way to construct a graph or a family of graphs whose spectrum approximates in some sense the spectrum of the laplacian on gamma_0(q)\sl2r?
17:49:03 From Will Sawin : I think it's known for any manifold if you put points evenly distributed on the manifold and connect the nearby ones the spectrum will approximate the spectrum of the laplacian on that manifold. But this is for the eigenvalues of the adjacency matrix very close to the maximum (in this case, 3).
17:49:32 From Will Sawin : So a gap on gamma_0(q) \sl2r will correspond to a very small gap on the graph
17:50:04 From Sa'ar Zehavi : I see, that's really cool, thank you.
18:12:53 From Bjorn Poonen : Should Tsfasman-Vladut be Drinfeld-Vladut?
18:12:55 From Roman Travkin : Tsfasman, right?
18:15:32 From bezrukav : Can someone recap the definition of cap?
18:15:35 From bezrukav : capacity?
18:17:36 From Dan Abramovich : d(K) on age 9 in http://www.weizmann.ac.il/math/RTAA/sites/math.HWRT/files/uploads/bernstein%20final%20.pdf
18:18:05 From bezrukav : Thanks Dan.
18:27:46 From Uri Bader : Do
18:28:39 From Uri Bader : Do I get it right: \sigma is an equivariant map from (X,T) \to (Closed subsets of [-3,3], f), right?
18:29:57 From Will Sawin : The statement is on page 11 of what dan linked
18:30:10 From Will Sawin : You take the inverse image of the closed subset under f and then add 0 and -2
18:30:40 From Uri Bader : Thanks!
18:42:33 From Will Sawin : It's like the Hanoi graph if when you got all the discs of the tower stacked together you could remove the bottom disc, and then if you got all the discs but that one stacked you could put the bottom disc back on