

A super topological recursion

Vincent Bouchard^{*}

vincent.bouchard@ualberta.ca

I will (tentatively) present a supersymmetric formulation of the topological recursion, which is obtained as a solution of super loop equations, or super Virasoro constraints, for supereigenvalue matrix models.

This is work in progress with my PhD student Kento Osuga.

^{*}Dept. of Math. & Stat. Sciences, University of Alberta, 632 CAB, Edmonton, AB T6G 2G1, CANADA.