

An Investigation into the Relationships between Dinv, Area, and Bounce Statistics of Dyck Paths

Charlie

- I like the placing of equidistribution of bounce and dinv very close to the start of the talk. Sets up a good expectation of the content going forwards.
- I am glad you went pretty liesurely through the example for area statistic vector.
- Thank you for giving an intuition ("jaggedness") behind Dinv, as the formal definition is a pretty unintuitive (not your fault)
- I'm not a fan of the amount of slide backscrolling you did when you were explaining bounce examples.
- the last example you gave was frickin awesome cuz the diagram has all the info on it. Your diagrams are awesome.
- Nice humor with the equidistribution for bounce-area theorem.
- Coin visualizations are amazing. Y'all are TikZ gods. It also really well explains the area only going up by at most 1 but going down by anything.
- Coin example got very fuzzy