MAX ALEKSEYEV, George Washington University
Unlabeled Motzkin numbers

The n-th Motzkin number represents the number of configurations of nonintersecting chords connecting n labeled points on a circle. Assuming that the points are unlabeled and equally spaced along the circle, we compute the number of nonisomorphic chord configurations. We also compute the number of configurations that are not symmetric w.r.t. rotation by any nontrivial angle.