

1096-37-1972 **Jonguk Yang*** (jonguk.yang@mail.utoronto.ca), 720 Spadina Avenue, Apt 806, Toronto,
Ontario M5S2T9, Canada. *Matings with the Basilica.*

My talk will describe the family of quadratic rational maps with a 2-periodic superattracting orbit. Many of these maps can be described as the mating of two quadratic polynomials, one of which is the basilica. For this reason, the family has attracted much recent attention, and the parameter space picture is now nearly completely understood. I will survey the recent results and the methods behind them. (Received September 16, 2013)