1106-AA-1055   **Ricardo G Perez-Marco*** (`ricardo.perez.marco@gmail.com`). *New canonical renormalization for polynomials.*

We present a new renormalization approach for polynomials based on surgery with external rays. This new approach makes sense of the renormalization of polynomials with disconnected Julia sets. We discuss in full this situation that requires new rectification theorems for degenerate conformal structures. (Received September 10, 2014)