1033-37-256 **Alexander Blokh***, Dept of Math, UAB, UAB Station, Birmingham, AL 35294. *Counting Wandering Continua.* Preliminary report.

Let P be a polynomial of degree d. Let N be the number of all non-repelling periodic orbits of P. The Fatou-Douady-Shishikura inequality in this polynomial case states that then $N \leq d-1$. Define a *ray continuum* K as a continuum or a point which is the union of impressions of some external rays to the Julia set J of P; the maximal number of such rays is called the *valence* of K. A *wandering collection* (of ray continua) is a collection of wandering ray continua whose forward orbits are pairwise disjoint. Given a non-empty wandering collection Γ of ray continua with valences $M_1, \dots, M_k$ we prove that $\sum_{\Gamma}(M_i - 2) + N \leq d-2$. (Received September 19, 2007)