Jorge V Pereira and Sergey Yuzvinsky\* (yuz@uoregon.edu), Dept. of Mathematics, Univ. of Oregon, Eugene, OR 97403. Upper bound on the number of split fibers in a pencil of curves.

We prove that every pencil of plane curves with nonsplitting general fiber has at most 5 splitting (i.e. completely reducible) fibers. (Received September 21, 2006)