1014-30-513 **Alain Paul Escassut*** (alain.escassut@math.univ-bpclermont.fr), Mathematiques, Université Blaise Pascal, Les Cézeaux, 63177 Aubiere, Puy de Dom, France. *Meromorphic functions of uniqueness.*

Let E be an algebraically closed field of characteristic 0 which is either the complex field or a complete ultrametric field K. We consider the composition of meromorphic functions $h \circ f$ where h is meromorphic in all E and f is meromorphic either in E or in an open disk of K. We then look for a condition on h in order that if 2 similar functions f, g satisfy $h \circ f(a_m) = h \circ g(a_m)$ where (a_m) is a bounded sequence satisfying certain condition, this implies $f = g$. Particularly we generalize to meromorphic functions previous results on polynomials of uniqueness. The condition on h involves the zeros (c_n) of h' and the values $h(c_n)$ but is weeker than this introduced by H.Fujimoto (injectivity on the set of zeros of h'). Results on p-adic functions have applications to rational functions in any field of characteristic 0. (Received September 19, 2005)