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Xander Faber* (xander@math.mcgill.ca), McGill University, Department of Mathematics and Statistics, 805 Sherbrooke St. West, Montreal, Quebec H3A 2K6, Canada. *Critical Points of Non-Archimedean Dynamical Systems on the Projective Line*. Preliminary report.

I will discuss a collection of results on the ramification loci of rational maps over Non-Archimedean fields. (Received September 15, 2009)