1139-12-622 **Daniele Bartoli** and **Ariane Masuda***, 300 Jay Street, Brooklyn, NY 11201, and **Luciane Quoos**. *Permutation polynomials over $\mathbb{F}_{q^2}$ from rational functions.* Preliminary report.

We discuss a method for constructing permutation polynomials over $\mathbb{F}_{q^2}$ by using rational functions that induce bijections either on the set μ_{q+1} of the $(q+1)$-th roots of unity or between μ_{q+1} and $\mathbb{F}_q \cup \{\infty\}$. (Received February 20, 2018)