1135-VU-836 **Mehmet E Aktas*** (maktas@uco.edu), 100 North University Drive Box 129, Edmond, OK 73034, and **Serdar Cellat** and **Hubeyb Gurdogan**. *A polynomial invariant for plane curve complements: Krammer polynomials.*

We use the Krammer representation of the braid group in Libgober's invariant and construct a new multivariate polynomial invariant for curve complements: Krammer polynomial. We show that the Krammer polynomial of an essential braid is equal to zero. We also compute the Krammer polynomials of some certain n-gonal curves (Received September 15, 2017)