

⊠ ALGEBRA SEMINAR TALK ⊠

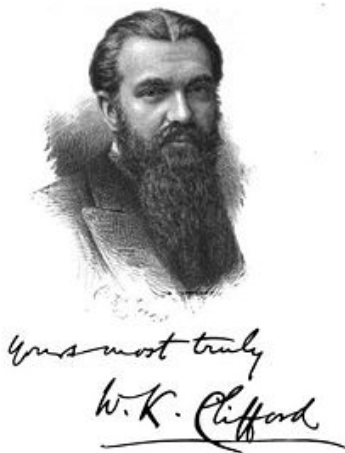
FRIDAY, FEBRUARY 6, 2009

EMRE COSKUN
(Michigan State University)

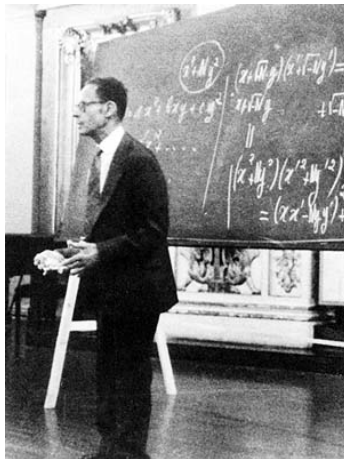
3:30 P.M. – Middlesex College Room 106

“The moduli space of representations of Clifford algebras”

In his letter from Hades, ultra-mundane correspondent R. Lipschitz explained in the *Annals of Mathematics* in 1959 and in A. Weil’s *Collected Works* vol. II, how he also thought that he had discovered a remarkable algebraic system associated to quadratic forms and later he realized that this was done by his friend, Clifford, earlier. “Unfortunately, it appears that there is now in this world a race of vampires, called *referees*, who clamp down mercilessly upon mathematicians unless they know the right passwords.” Then he went on with one of the most beautiful elementary derivations for a spinor norm. Then came M. Atiyah, R. Bott, and A. Shapiro; all with their own ‘spin and pin’ tricks; then came Clifford forms of higher forms with D. Haile and R. S. Kulkarni; and now Emre Coskun will tell us about his fine moduli space of representations of Clifford algebras, and more. It is an exciting time for both algebraists and geometers!



William Kingdon Clifford



Andre Weil



Rudolf Lipschitz



☺ ALL ARE WELCOME!