1070-55-332 **Amanda C Hager*** (amanda.hager@usma.edu), Department of Mathematical Sciences, 240 Thayer Hall, West Point, NY 10996. *Derivation Modules for Arrangement Bundles.*

If there is a modular element in the intersection lattice for a complexified real arrangement, then there exists a fiber bundle projection mapping in which the total space is the complement of the original arrangement and the base space and generic fiber are both arrangement complements. We explore a conjecture by Falk and Proudfoot that states that if the base and fiber arrangements are both free, then the total space arrangement is free. (Received February 15, 2011)