1046-57-64 **Brandy J Guntel*** (bguntel@math.utexas.edu), Departmentment of Mathematics, 1 University Station C1200, Austin, TX 78712. *Dean Knots.*

Let K be a curve lying on the boundary of the genus 2 handlebody H and denote by $H[K]$ the manifold obtained by adding a 2-handle to H along K. We call K primitive with respect to H if $H[K]$ is a solid torus and Seifert with respect to H if $H[K]$ is a Seifert fiber space. Now let K be a knot lying in a genus 2 Heegaard surface F of S^3, with F bounding the handlebodies H and H'. We call K a Dean knot if it is primitive with respect to H and Seifert with respect to H'. In this talk, we will discuss some properties of Dean knots. (Received July 18, 2008)