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CLASSIFICATION OF PARADROMIC RINGS

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Abstract of Talk: The intent of our presentation will be to present information related to a research project we conducted earlier this summer. We will be describing paradromic rings along with a visualization of their creation. Finally we will discuss our conjecture of turning paradromic rings into torus knots. Topics will include basic knot theory concepts, such as links and alternating knots. There is a possibility that we will be discussing about our current research on Turk's Head Knots. Further collaborators include James Godzik (UC Berkeley) and Dan Sours (Chico High School; Chico, CA).