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IMPLICATIONS OF INTRINSICALLY S^1 LINKED GRAPHS IN KNOT THEORY

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Abstract of Talk: I will be discussing my REU results of this summer. I will be primarily concentrating on intrinsically S^1 linked graphs and some of the properties that they hold such as disjoint S^1 linking, triangle-y expansion, and more. I will also be discussing findings as to how minor-minimal graphs relate to outerplanarity, and if there is time I will discuss how knot theory applies in the second and third dimensions.