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**Louis H Kauffman\*** ([kauffman@uic.edu](mailto:kauffman@uic.edu)), Math UIC, 851 South Morgan Street, Chicago, IL 60607-7045. *Invariants of Virtual Knots*. Preliminary report.

This talk will discuss relationships among polynomial invariants of virtual knots, including the arrow polynomial, the affine index polynomial and the Jones polynomial. The aim is to understand when virtual knots undetected by the Jones polynomial can be shown to be non-classical. (Received July 15, 2013)