

1081-57-189

**Jonathan Schneider\*** ([jschne9@uic.edu](mailto:jschne9@uic.edu)). *Virtual 2-knots and 2-links*.

A “virtual 2-knot or 2-link” is, formally, a generic surface in  $R^3$  with each self-intersection arc labeled “over”, “under”, or “virtual”, modulo the “virtual Roseman moves”. We define this category in detail and give examples. (Received February 10, 2012)