1003-55-1548   **William J. Schellhorn*** (`schellho@math.lsu.edu`). *Filamentations for Virtual Links.*
In 2002, D. Hrencecin and L.H. Kauffman defined a filamentation invariant on oriented chord diagrams that may determine whether the corresponding flat virtual knot diagrams are non-trivial. A virtual knot diagram is non-classical if its related flat virtual knot diagram is non-trivial. Hence filamentations can be used to detect non-classical virtual knots. We will briefly discuss how these filamentation techniques can be extended to virtual links with more than one component. We will also give examples of virtual links that they can detect as non-classical. (Received October 05, 2004)