1037-53-278   **Kenneth L. Baker*** (`kb@math.gatech.edu`), School of Mathematics, 686 Cherry Street, Georgia Institute of Technology, Atlanta, GA 30332-0160, and **J. Elisenda Grigsby**, Mathematics Department, Columbia University, Room 509, MC 4406, 2990 Broadway, New York, NY 10027.
Grid diagrams and Legendrian links in lens spaces. Preliminary report.

The Heegaard torus is the natural stage for grid diagrams of links in S^3. As the key feature is the Heegaard torus and not S^3 itself, one generalizes this perspective to obtain grid diagrams for links in lens spaces (other than $S^1 \times S^2$). Furthermore, the Heegaard tori also host toroidal fronts for Legendrian links in lens spaces endowed with their universally tight contact structures. Consequentially, a grid diagram naturally defines a Legendrian link. (Received February 04, 2008)