

Using Galois Lattices **to** Represent **Network Data**. Linton C. Freeman, *School of Social Sciences. University of California, Irvine. CA 92717. USA.*

Traditional social network analysis has focused on one mode, actor by actor, data. Recently, however, attention has turned to examine the structural properties of two mode, actor by event, data. Galois lattices are suggested as a device to provide a general representation for such two mode social network data. It is shown that Galois lattices yield a single visual image of two mode data in cases where most alternative models produce dual images. It is shown that images provided by the Galois lattice, moreover, can suggest useful insights about the structural properties of network data.