1035-57-938 **Maggy Tomova*** (`mt2@rice.edu`), Rice University, Mathematics Dept., 6100 Main Street, Houston, TX 77005. *Studying knots via c-compressions.*

Much of the information about a knot is encoded in the surfaces found in the knot complement, in particular surfaces that are incompressible. However, often incompressibility is not strong enough and we need to consider surfaces that also don't have any cut-disks, i.e., disks that intersect the knot once. We will discuss situations in which such surfaces occur and the information they carry. (Received September 17, 2007)