1117-57-266   **Alissa S. Crans** (`acrans@lmu.edu`), **Sujoy Mukherjee*** (`sujoymukherjee@gwu.edu`) and **Jozef H. Przytycki** (`przytyck@gwu.edu`). *Associative Shelves.* Preliminary report.

A shelf is a magma satisfying right self-distributivity which is the algebraic encoding of the third Reidemeister move in knot theory. We will discuss, in particular, properties of shelves with unit element and their one-term and two-term (rack) homologies. (Received January 15, 2016)