1116-57-2725   **Nathan A Smith*** (`nsmith@uttyler.edu`). *Nearrings of endomorphisms of group objects in the category of quandles.* Preliminary report.

Quandles are an algebraic structure whose axioms correspond to the three Reidemeister moves on a knot diagram. If Q is a group object in the category of quandles then under suitable operations its endomorphisms form a group, a quandle, and a nearring (a ring-like structure in which only one of the distributive laws hold), and homomorphisms from another quandle R into Q form a module-like structure with an action of this nearring. We study properties of this nearring and its modules. (Received September 22, 2015)