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**Robert Rapael\***, raphael@alcor.concordia.ca. *The reflection of certain categories of domains in the category of commutative semiprime rings.* Preliminary report.

This is a report of work in progress with M. Barr and J. Kennison.

For the special session on categorical topology.

One reflects into the category of semiprime rings a full subcategory, for example that of domains, that of integrally closed domains, and others. The reflection is described and there are nice descriptions of how a ring sits inside its reflection. (Received September 09, 2013)