

Title : Enriched Eilenberg-Moore construction and remark of Balmer.

Abstract :

Balmer used Eilenberg-Moore construction as an approach to capture  $\{e\}$ -tale open covers of a scheme in Tensor triangular geometry. Balmer also proved that, for a separable exact monads the EM construction gives an exact adjoint pair realising the given exact monad.

In this talk we introduce enriched Eilenberg-Moore construction as a possible approach to realise an exact monad to come from an exact adjoint pair.

This is a joint work in progress with Vivek M. Mallick.