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Christopher P French* (frenchc@grinnell.edu). *Functors from Association Schemes.*

By imposing a more restrictive definition on morphisms of association schemes, we construct a category of association schemes in such a way that a number of classical constructions, like taking thin radicals or adjacency algebras, become functorial. This allows us to show that the representations of an association scheme determine a module over the representation ring of the group obtained by factoring out the thin residue. (Received March 01, 2013)