The algebraic structure of quantum effects ${\bf John\ van\ de\ Wetering}^{1,2}$

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In this talk I will give an overview of the work done on effect algebras, a partial algebraic structure that generalises orthomodular lattices to allow for fuzzy effects. Starting from effect algebras I will show how we can recover both the real unit interval of probabilities as well as how we can recover the full structure of quantum mechanics.

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