MICHAEL BARR, Department of Mathematics and Statistics, McGill University, Montreal, Quebec H3A 2K6 The Chu construction: history of an idea

The Chu construction started out as a way of constricting easy examples of *-autonomous categories. It first became more widely known as a way of providing easy models of linear logic and then as a way of simplifying the construction of *-autonomous categories. It actually originates in the construction of "dual pairs" in the topological vector spaces, which goes back ultimately in George Mackey's dissertation.