Topological and purely measurable type spaces

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Abstract

Types (Harsányi, 1967-68) and type spaces (Heifetz and Samet, 1998) are substantial ingredients of incomplete information models. First we give an overview on the problem of purely measurable vs. topological type spaces (Pintér, 2010), and on the machinery of the proof for the existence of universal type space. We also discuss the belief hierarchies (Mertens et al, 1994; Heifetz and Samet, 1999; Pintér, 2008), and provide both the intuitions and the mathematics.

Finally, we mention the common machinery of the existence theorems for universal type spaces (and for canonical models in modal logic), and a tool for grabbing the common in these results (Moss, 2011).

References

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