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TITLE: Information channels for the logical dynamics of speech acts

We construct classifications and information channels
in the sense of channel theory of Barwise and Seligman
(1997) with the set of formulas of the language of the
dynamic logic $\mathsf{DMDL^{+}III}$ (Dynamified
Multi-agent Deontic Logic) of acts of commanding
of Yamada (2008a) and a set of its models satisfying
a certain conditon. Then the very logic can be seen
as a local logic on an idealized classification
that represent normal situations. Channel theoretic
perspective then enables us to distinguish background
conditions and preconditions of action, deal
with the apparent non-monotonicity in terms of context
shift, and reason about what will happen in normal
and non-normal situations. As the method used can be
applicable to any dynamic logic developed in the style
of PAL or DEL, it can be applied to a variety of social
scenarios.