

# Adaptive logic for dynamics of a discourse

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## Abstract

In [5] and [6] Stanisław Jaśkowski presented a propositional calculus for inconsistent deductive logics. The main idea which lead to this calculus was concerned with a formalization of a discourse.

In [1], [2], [3] Diderik Batens has developed a class of inconsistency adaptive logics. Many other adaptive logics were considered till now (for example see [4] and [7]). Very interesting logic was constructed by Joke Meheus (see [8]), where Jaśkowski's logic  $\mathbf{D}_2$  was the lower limit logic. In [9] another adaptive logic with  $\mathbf{D}_2$  as the lower limit logic was formulated. The difference is that connectives are treated in a discussive way.

The paper presents dynamic proof theory for the logic from [9]. Using the idea of Jaśkowski this adaptive logic can be treated as a formalization of dynamics of a discourse.

## References

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