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A rule-based support system for dissonance discovery and control applied to car driving

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Highlights

- Proposal of a tool to support dissonance discovery and control.
- Dissonances defined as conflicts into a knowledge base or between knowledge bases.
- Formalism based on rules to identify dissonances as affordances and inconsistencies.
- Feasibility study on car driving domain involving five rule bases.
- Validation involving 20 subjects.

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