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Towards an ontology-supported case-based reasoning approach for computer-aided tolerance specification

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Highlights

- Design an ontology-supported case-based reasoning framework for tolerance specification.
- Construct a tolerance specification ontology to represent tolerance specification cases.
- Present a mechanism to quantify the similarities of the distinctive attributes of two cases.
- Present a procedure to establish a similarity measure with high accuracy for case retrieval.
- Develop a prototype system to verify the application of the proposed approach in practice.

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