An optimal tableau system for the logic of temporal neighborhood over the reals

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Interval temporal logics: areas of interest

▶ Philosophy and ontology of time

▶ Linguistics (quoting Kamp and Reyle, "truth, as it pertains to language in the way we use it, relates sentences not to instants but to temporal intervals")

▶ Artificial intelligence: temporal knowledge representation, systems for time planning and maintenance, theory of events

▶ Computer science: specification and design of hardware components, concurrent real-time processes, temporal databases, bioinformatics