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| | Autore | Cruz Jorge |
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| | Descrizione fisica | 1 online resource (244 p.) |
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| | Soggetti | Constraints (Artificial intelligence) |
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| | Note generali | Description based upon print version of record. |
| | Nota di contenuto | Title page; Table of Contents; Introduction; Interval Constraints; Constraint Satisfaction Problems; Interval Analysis; Constraint Propagation; Partial Consistencies; Global Hull-Consistency; Local Search; Experimental Results; Interval Constraints for Differential Equations; Ordinary Differential Equations; Constraint Satisfaction Differential Problems; Solving a CSDP; Biomedical Decision Support with ODEs; Conclusions and Future Work; References; Appendix A: Interval Analysis Theorems; Appendix B: Constraint Propagation Theorems |
| | Sommario/riassunto | Focuses on the integration of ordinary differential equations within the interval constraints framework, which for this purpose is extended with the formalism of Constraint Satisfaction Differential Problems. Such a framework allows the specification of ordinary differential equations by means of constraints. |