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|----|-------------------------|----------------------------------------------------------------------------------------|
| 1. | Record Nr.              | UNINA990008798020403321                                                                |
|    | Autore                  | Craver, Carl F.                                                                        |
|    | Titolo                  | Explaining the brain : mechanisms and th mosaic unity of neuroscience / Carl F. Craver |
|    | Pubbl/distr/stampa      | Oxford : Clarendon Press, 2007                                                         |
|    | ISBN                    | 978-019-929931-7                                                                       |
|    | Descrizione fisica      | XX, 308 p. : ill. ; 24 cm                                                              |
|    | Locazione               | FI1                                                                                    |
|    | Collocazione            | 6F-015                                                                                 |
|    | Lingua di pubblicazione | Inglese                                                                                |
|    | Formato                 | Materiale a stampa                                                                     |
|    | Livello bibliografico   | Monografia                                                                             |
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| 2. | Record Nr.              | UNINA9910346911203321                                                                                                                                                                     |
|    | Autore                  | Deisenroth Marc Peter                                                                                                                                                                     |
|    | Titolo                  | Efficient Reinforcement Learning using Gaussian Processes                                                                                                                                 |
|    | Pubbl/distr/stampa      | KIT Scientific Publishing, 2010                                                                                                                                                           |
|    | ISBN                    | 1-000-01979-9                                                                                                                                                                             |
|    | Descrizione fisica      | 1 online resource (IX, 205 p. p.)                                                                                                                                                         |
|    | Collana                 | Karlsruhe Series on Intelligent Sensor-Actuator-Systems / Karlsruher Institut für Technologie, Intelligent Sensor-Actuator-Systems Laboratory                                             |
|    | Lingua di pubblicazione | Inglese                                                                                                                                                                                   |
|    | Formato                 | Materiale a stampa                                                                                                                                                                        |
|    | Livello bibliografico   | Monografia                                                                                                                                                                                |
|    | Sommario/riassunto      | This book examines Gaussian processes in both model-based reinforcement learning (RL) and inference in nonlinear dynamic systems.First, we introduce PILCO, a fully Bayesian approach for |

efficient RL in continuous-valued state and action spaces when no expert knowledge is available. PILCO takes model uncertainties consistently into account during long-term planning to reduce model bias. Second, we propose principled algorithms for robust filtering and smoothing in GP dynamic systems.

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