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| 1. Record Nr.           | UNINA9910805665903321                                                                                                                                                                                                                                                                                                                                                                                        |
| Titolo                  | Bildfolgenbasierte Gewinnung und Nutzung partikelindividueller Bewegungsinformation in der optischen Schuttgutsortierung                                                                                                                                                                                                                                                                                     |
| Pubbl/distr/stampa      | KIT Scientific Publishing, 2022                                                                                                                                                                                                                                                                                                                                                                              |
| Descrizione fisica      | 1 online resource (246 p.)                                                                                                                                                                                                                                                                                                                                                                                   |
| Collana                 | Karlsruher Schriftenreihe Fahrzeugsystemtechnik                                                                                                                                                                                                                                                                                                                                                              |
| Soggetti                | Maths for computer scientists                                                                                                                                                                                                                                                                                                                                                                                |
| Lingua di pubblicazione | Tedesco                                                                                                                                                                                                                                                                                                                                                                                                      |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                           |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sommario/riassunto      | Sensor-based sorting enables the separation of individual particles from a material stream. In this work, a novel sorting system using an area-scan camera is investigated. The use of high-speed cameras raises exciting research questions from a computer science perspective regarding the extraction and use of more advanced features, especially motion information about the materials to be sorted. |