

|                         |  |
|-------------------------|--|
| 1. Record Nr.           | UNINA9910300552603321  |
| Titolo                  | Multiple Scattering Theory for Spectroscopies : A Guide to Multiple Scattering Computer Codes -- Dedicated to C. R. Natoli on the Occasion of his 75th Birthday // edited by Didier Sébilleau, Keisuke Hatada, Hubert Ebert  |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018  |
| ISBN                    | 3-319-73811-9  |
| Edizione                | [1st ed. 2018.]  |
| Descrizione fisica      | 1 online resource (414 pages)  |
| Collana                 | Springer Proceedings in Physics, , 1867-4941 ; ; 204   |
| Disciplina              | 530.416  |
| Soggetti                | Spectrum analysis<br>Mathematical physics<br>Surfaces (Physics)<br>Spectroscopy<br>Theoretical, Mathematical and Computational Physics<br>Surface and Interface and Thin Film  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Sommario/riassunto      | This edited book, based on material presented at the EU Spec Training School on Multiple Scattering Codes and the following MSNano Conference, is divided into two distinct parts. The first part, subtitled "basic knowledge", provides the basics of the multiple scattering description in spectroscopies, enabling readers to understand the physics behind the various multiple scattering codes available for modelling spectroscopies. The second part, "extended knowledge", presents "state- of-the-art" short chapters on specific subjects associated with improving of the actual description of spectroscopies within the multiple scattering formalism, such as inelastic processes, or precise examples of modelling. |