

**AGGIORNAMENTO: 31 maggio 2021**

|                          | <b>Biblioteca di Fisica (o studio R.Cirio, vedi note) Via Giuria 1</b> | <b>Note</b>  |
|--------------------------|--|--------------|
| Alpen                    | Radiation biophysics   |              |
| Amador Kane              | Introduction to physics in modern medicine (II ed.)                    |              |
| Amador Kane              | Introduction to physics in modern medicine (III ed.)                   |              |
| Amador Kane              | Introduction to physics in modern medicine (III ed.)                   | studio Cirio |
| Amaldi                   | Advances in hadrontherapy  |              |
| Amaldi                   | Hadrontherapy in oncology  |              |
| Amaldi                   | Hadrontherapy in oncology (II copia)                                   |              |
| Andreo                   | Fundamentals of ionizing radiation dosimetry                           |              |
| Armitage                 | Statistica medica  |              |
| Autori vari              | 1895-1995 Radiation oncology: a century of progress and achievement    |              |
| Barrett, Myers           | Foundations of Image Science (2004)                                    |              |
| Burkov                   | The 100 page Machine Learning book                                     |              |
| Bushberg                 | The essential physics of medical imaging (III ed.)                     |              |
| Cember                   | Introduction to Heath Physics (III ed.)                                |              |
| Cherry, Sorenson, Phelps | Physics in nuclear medicine  |              |
| Cherry                   | Physics in nuclear medicine (IV ed.)                                   |              |
| Cunningham               | The physics of radiology   |              |
| Das, Paganetti           | Principles and practice of Proton Beam Therapy                         |              |
| Davidovits               | Physics in Biology and Medicine (2019)                                 |              |
| Davidovits               | Physics in Biology and Medicine (2019)                                 | studio Cirio |
| Debertin                 | Gamma and x-ray spectroscopy with semiconductor detectors              |              |
| Del Guerra               | Ionizing Radiation detectors for Medical Imaging                       |              |
| Dell'Aringa, Francesio   | Magnetic Resonance Imaging (2019)                                      |              |
| Depeursinge, Al-Kadi     | Biomedical texture analysis: fundamentals, tools and challenges (2017) |              |
| Dhawan                   | Medical Image Analysis   |              |
| Dobbs,Barrett            | Practical radiotherapy planning (III ed.)                              |              |
| Draganic, Adloff         | Radiation and radioactivity on earth and beyond                        |              |

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|--------------------------|---|--------------|
| Finzi                    | Gestione della qualita' dell'aria                                     |              |
| Ford                     | Primer on Radiation Oncology Physics                                  |              |
| Ford                     | Primer on Radiation Oncology Physics                                  | studio Cirio |
| Gordon Steel             | Basic clinical radiobiology   |              |
| Grillo Ruggieri, Scielzo | Protoni contro il cancro (2021)                                       |              |
| Hall, Giaccia            | Radiobiology for the Radiologist (VIII ed.)                           |              |
| H.Hansen                 | Il carcinoma polmonare  |              |
| Herman                   | Physics Of The Human Body (2016)                                      | studio Cirio |
| Hobbie                   | Intermediate physics for Medicine and Biology                         |              |
| Hobbie                   | Intermediate physics for Medicine and Biology (IV ed.)                | studio Cirio |
| Huettel, Song, Mc Carthy | Functional Magnetic Resonance Imaging (III ed.)                       |              |
| ICRU                     | 49:stopping powers and ranges for p and alfa                          |              |
| ICRU                     | 51:quantities and units in radiation protection dosimetry             |              |
| ICRU                     | 53: gamma ray spectrometry in the environment                         |              |
| ICRU                     | 78: Prescribing, Recording and Reporting Proton-beam Therapy          |              |
| Jolliffe                 | Principal component analysis  |              |
| Kak, Slaney              | Principles of Computerized Tomographic Imaging                        |              |
| Khan                     | Treatment planning in radiation oncology                              |              |
| Khan                     | The physics of radiation therapy (V ed.)                              |              |
| Kissick, Fackraei        | Lectures on Radiation Dosimetry Physics                               |              |
| Leroy, Rancoita          | Silicon solid state devices and radiation detection (2012)            |              |
| Lynn                     | Introduction to analysys and processing of signals                    |              |
| Marengo                  | La fisica in medicina nucleare  |              |
| Martin, Sutton           | Practical radiation protection in healthcare (II ed.)                 |              |
| Metcalfe                 | The Physics of radiotherapy X ray from linear accelerators            |              |
| Metcalfe                 | The Qbook, The physics of Radiotherapy X rays: problems and solutions |              |
| Mettler                  | Medical effects of ionizing radiation (II ed.)                        |              |
| Mijnheer (editor)        | Clinical 3D dosimetry in modern radiation therapy                     |              |
| Morris                   | Nuclear Magnetic Resonance imaging in medicine and biology            |              |

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|----------------------------|--|--------------|
| Ng, Ding Wong, Clark       | Problems and solutions in Medical Physics: diagnostic imaging physics (CRC 2018)   | studio Cirio |
| Paganetti                  | Proton therapy physics (II ed. 2019)   |              |
| Passariello                | Elementi di tecnologia in diagnostica per immagini (II ed.)                        |              |
| Pelliccioni                | Fondamenti fisici della radioprotezione  |              |
| Perez, Brady               | Principles and practice of radiation oncology                                      |              |
| Podgorsak                  | Radiation physics for Medical Physicist (II ed.)                                   |              |
| Podgorsak                  | Radiation physics for Medical Physicist (III ed.)                                  |              |
| Podgorsak                  | Radiation physics for Medical Physicist (III ed.)                                  | studio Cirio |
| Podgorsak                  | Compendium to Radiation physics for Medical Physicist (300 problems and solutions) |              |
| Podgorsak                  | Compendium to Radiation physics for Medical Physicist (300 problems and solutions) | studio Cirio |
| Reirv                      | Healtht effects of exposure to Low Levels of Ionizing radiation                    |              |
| Riviste                    | Health Physics   |              |
| Riviste online             | International Journal of Radiation Oncology Biology Physics                        |              |
| Riviste online             | Medical Physics  |              |
| Riviste online             | Physica Medica   |              |
| Riviste online             | Physics in medicine and biology  |              |
| Riviste online             | Radiotherapy & Oncology  |              |
| Spagnolo                   | Manuale di acustica  |              |
| Szczykutowicz              | The CT handbook: optimizing protocols for today's feature-rich scanners            |              |
| Theodorsson                | Measurements of weak radioactivity   |              |
| Turner, Bogard, Hunt, Rhea | Problems and solutions in Radiation Protection                                     |              |
| Webb                       | The physics of medical imaging (I ed.)   |              |
| Webb                       | The physics of medical imaging (II ed. 2012)                                       |              |
| Webb                       | The physics of conformal radiotherapy  |              |
| Webb                       | Intensity modulated radiation therapy  |              |
| Webb                       | Intensity modulated radiation therapy (II copia)                                   |              |
| Yoo                        | Insight into Images  |              |
| Zanetti                    | Fatti e cifre dei tumori in Italia (I ed.)   |              |
| Zanetti                    | Fatti e cifre dei tumori in Italia (II ed.)  |              |