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| 1. Record Nr. | UNICAMPANIASUN0070366 |
| Autore | Van Trees, Harry L. |
| Titolo | 1: Detection, estimation, and linear modulation theory / Harry L. Van Trees |
| Pubbl/distr/stampa | New York, : Wiley, 2001 |
| ISBN | 04-7109-517-6 |
| Descrizione fisica | XVI. 697 p. : ill. ; 24 cm. |
| Disciplina | 621.38 |
| Lingua di pubblicazione | Inglese |
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| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9911021977803321 |
| Autore | Sarvesh Kumar |
| Titolo | Charged Particle Beam Physics : An Introduction for Physicists and Engineers |
| Pubbl/distr/stampa | Newark : , : John Wiley & Sons, Incorporated, , 2025
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| ISBN | 3-527-83296-3
3-527-83295-5 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (291 pages) |
| Altri autori (Persone) | KashyapManish K |
| Soggetti | Particle accelerators
Beam dynamics |
| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | Cover -- Title Page -- Copyright -- Contents --
Foreword --
Preface -- About the |

Authors

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Acknowledgments

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Particle Beams -- 1.1 History of Particle Accelerators and the
Chronological
Milestones

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Electricity

-- 1.2.2 Maxwell's Second Equation: Gauss's Law for
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-- 1.2.3 Maxwell's Third Equation: Faraday's Law of Electromagnetic
Induction -- 1.2.4 Maxwell's Fourth Equation: Ampère's Law with
Maxwell's
Addition

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-- 1.3.1
Cockcroft–Walton
Accelerator

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1.3.2 Tandem
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-- 1.4
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-- 1.6
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Wakefield
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Sommario/riassunto

Offers a clear and practical introduction to the essentials of charged particle beam physics, covers the design of accelerator machines and their basic components A cornerstone of modern accelerator technology, charged particle beam physics encompasses theoretical principles, advanced simulations, and real-world applications.
