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Statistics and Parity; 4.6 Excited States; References

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Macroscopic-Microscopic Model; 5.10 Interacting Boson

Approximation; 5.11 Further Collective Excitations: Coulomb

Excitation, High-Spin States, Giant Resonances; References; Further

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Decay Energies

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6.7.3 Internal Conversion Coefficients; 6.7.4 Angular Correlations;

References; Further Reading; 7: Radioactive Decay Kinetics; 7.1 Law and

Energy of Radioactive Decay; 7.2 Radioactive Equilibria

9.2.1 Ionization Chambers

Sommario/riassunto

The third edition of this classic in the field is completely updated and revised with approximately 30% new content so as to include the latest developments. The handbook and ready reference comprehensively covers nuclear and radiochemistry in a well-structured and readily accessible manner, dealing with the theory and fundamentals in the first half, followed by chapters devoted to such specific topics as nuclear energy and reactors, radiotracers, and radionuclides in the life sciences. The result is a valuable resource for both newcomers as well as established scientists in the field.
