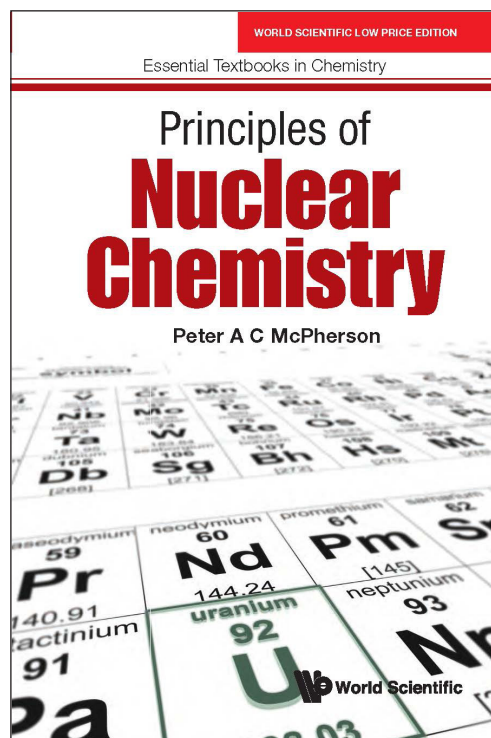


## PRINCIPLES OF NUCLEAR CHEMISTRY

By  
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ISBN 9780000989000  
Extent: 272pp, PB  
Pub Date: 2020  
Price: Rs.995

### ABOUT THE BOOK

*Principles of Nuclear Chemistry* is an introductory text in nuclear chemistry and radiochemistry, aimed at undergraduates with little or no knowledge of physics. It covers the key aspects of modern nuclear chemistry and includes worked solutions to end of chapter questions.

The text begins with basic theories in contemporary physics and uses these to introduce some fundamental mathematical techniques. It relates nuclear phenomena to key divisions of chemistry such as atomic structure, spectroscopy, equilibria and kinetics. It also gives an introduction to f-block chemistry and the nuclear power industry.

This book is essential reading for those taking a first course in nuclear chemistry and is a useful companion to other volumes in physical and analytical chemistry. It will also be of use to those new to working in nuclear chemistry or radiochemistry.

### READERSHIP

Undergraduates with little or no knowledge of physics, those taking a first course in nuclear chemistry, those new to working in nuclear chemistry or radiochemistry.

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