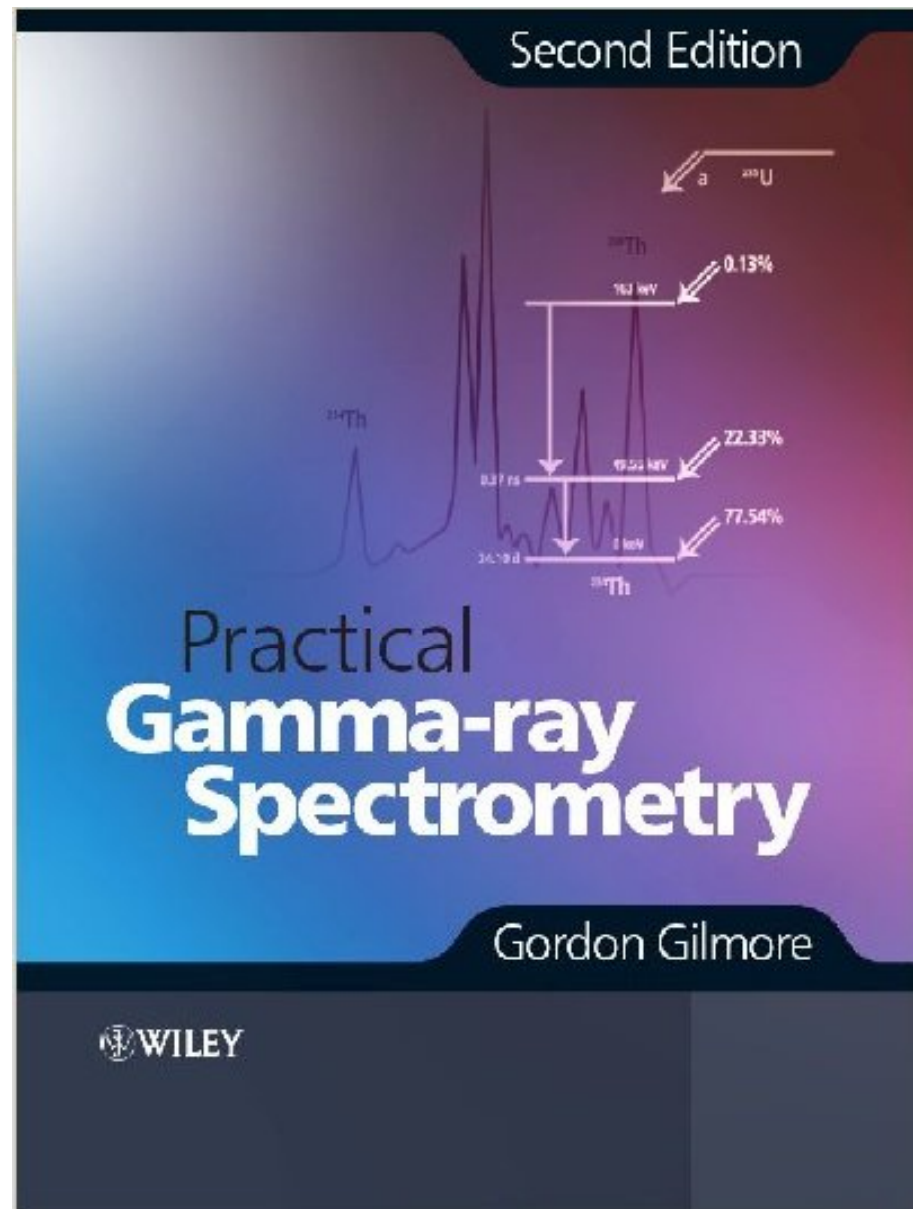
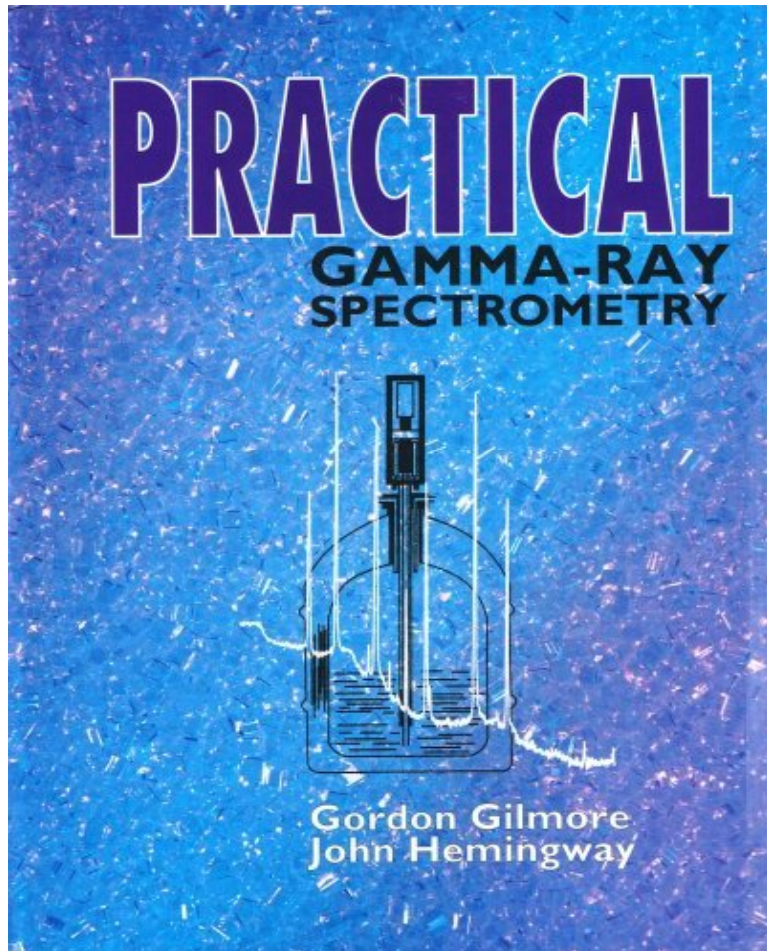


Recommended BOOK for the ICRM GS WG:

**Practical Gamma-ray
Spectrometry**

Gordon Gilmore

Ed. John Wiley & Sons Ltd., 2008



What is NEW in the 2nd Edition ?

- Digital Pulse Processing (DSP)
- Nuclear data and their update
- Uncertainty budgets
- Quality assurance and accreditation
- Computer analysis of gamma-ray spectra.
- Gamma-ray spectrometry of NORM

Other Topics:

- Radioactive decay and the origin of gamma and X radiation
- Interaction of gamma radiation with matter
- Detectors and electronics
- Statistics of counting
- Spectrometer calibration
- True coincidence summing
- Low and high count rate systems

.....

Something else ?

- The reader can find many references useful for gamma-ray spectrometry, including websites on the Internet
- The book has a website for the readers, with many links, information, applications, online courses, test spectra etc. :

<http://www.gammaspectrometry.co.uk>

Practical Gamma-Ray Spectrometry - Edition 2 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.gammaspectrometry.co.uk/>

Search Web **nero** Highlight MyStuff Zoom News Weather Shopping

Search Web Anti-Spy Upgrade your Toolbar Now Mail Shopping My Yahoo! News Games Music

Practical Gamma-Ray Spectrometry

Dr. Gordon Gilmore

| | | | | | | |
|------------|------|-----------------|-------|---------------|--------------|--------------|
| Appendices | Data | Example Spectra | Links | Online Course | Spreadsheets | Test Spectra |
|------------|------|-----------------|-------|---------------|--------------|--------------|

This website is being created for the benefit of readers of the Second Edition of **Practical Gamma-Ray Spectrometry**, and indeed anyone else with an interest in gamma-ray spectrometry.

It will carry links to most of the websites referred to in the book (in particular to nuclear data), test spectra (or links to them), some of the spreadsheets used to create the diagrams and data in the book.

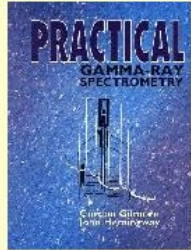

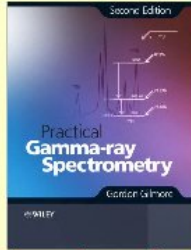
There will inevitably be errors in the text so I have created a [Corrections](#) page. On that I will post up corrections/alterations as soon as I am aware of them and before they appear in any reprint.

I will be grateful if readers finding any errors, or other issues within the book, would report them to me via the [Corrections Feedback](#) page.

For those who fancy a practical introduction to gamma-ray spectrometry, Level 1 of the [Online Practical Gamma-Ray Spectrometry Course](#) is available on this site (but without the tutor interaction that the full course offers).

Do you wonder whether your spectrum analysis system is finding your peaks reliably? [Download SpecMaker](#), create a spectrum containing peaks of known area at known positions and see how it does!

Buy the book: [Wiley](#) | [Amazon](#)

In the beginning was Edition 1, by Gilmore and Hemingway... ..then there was the Japanese translation. **This website relates to the Second Edition.**

[What happened to John Hemingway?](#)

[Board](#) [Feedback](#) [Site Map](#) [Corrections](#) [SpecMaker](#)

The Corrections page is now active

The Bulletin Board is now Active

Done Internet