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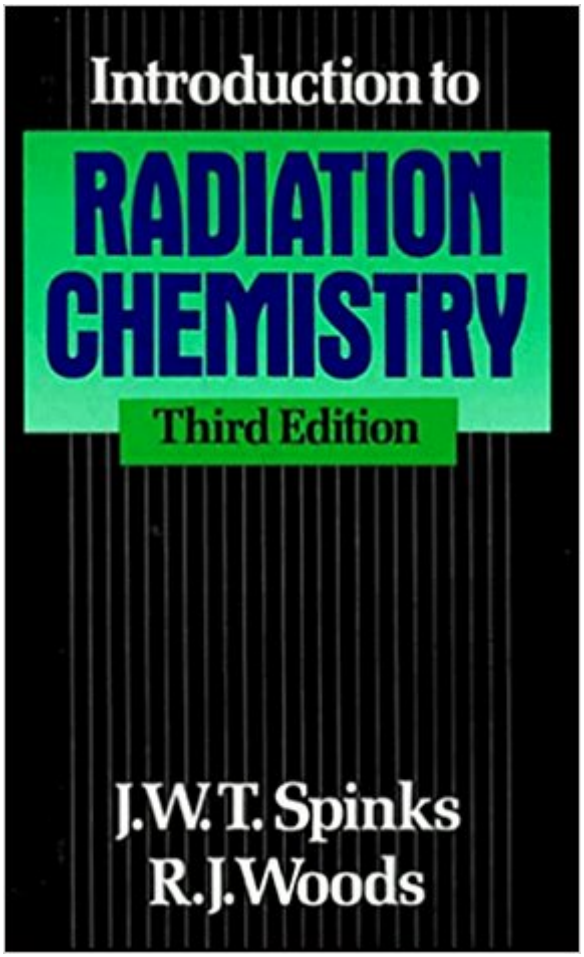
An Introduction To Radiation Chemistry



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Synopsis

Rather than attempting, in vain, to reflect all the rapid and dramatic developments that occur in the field of radiation chemistry, it provides a point of entry into the field and gives readers a broad and current overview from which their own areas of interest may be further explored. With an approach that is both academically rigorous and eminently practical, it promotes understanding of the fundamental principles underlying the action of radiation on matter. Both the methodology and the industrial applications are clearly stated, and the Third Edition now utilizes SI units to assist students in relating radiation exposure and absorbed dose to radiation chemical yields. Among other improvements, the final chapter on applied radiation chemistry and radiation processing has been expanded to give fuller coverage of chemical reactions initiated by high-energy radiation and their commercial uses.

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Customer Reviews

Exactly as described; quick delivery!

An excellent reference on radiation effects in materials, particularly production of gaseous products through radiolytic and radiochemical pathways. Good compendium on literature base. Three stars because of very limited size of potentially interested audience. Five stars for those who need such data.

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