# Monitoring of environmental factors in a radioactive polluted area in Romania



Filesize: 6.58 MB

### Reviews

A must buy book if you need to adding benefit. I have read through and i also am certain that i will likely to read through once again yet again in the future. Its been designed in an exceedingly simple way and is particularly merely after i finished reading this publication by which really modified me, modify the way i think.

(Mrs. Jacquelyn Gutmann)

# MONITORING OF ENVIRONMENTAL FACTORS IN A RADIOACTIVE POLLUTED AREA IN ROMANIA



GRIN Verlag Jul 2014, 2014. Taschenbuch. Book Condition: Neu. 211x27x7 mm. This item is printed on demand -Print on Demand Neuware - Project Report from the year 1998 in the subject Physics - Nuclear Physics, Molecular Physics, Solid State Physics, grade: -, , language: English, abstract: Within the last years, a great deal of interest was focused on studies of environmental pollution, and particularly on the pollution levels near fertilisers plants, with the possible the consequences for the health of the population living in those areas. The preparation of the phosphate fertilisers, has the unfortunate potential for environmental pollution. This is due to the radioactive content of the phosphatic rocks used as prime matter for fertilisers. The radioactivity present in phosphate rocks is mainly caused by the daughter products of U-238. In fact, natural uranium can substitute for calcium in the phosphate rock structure and, over a period of time, accumulate in the phosphate reserves. The behaviour of U-238 and Ra-226 (the principal contributors of radioactivity in phosphate rock) could be interpreted as follows: Ra-226 is precipitated with the solid phase (phosphogypsum) as insoluble radium sulphate, while U-238 remains in the liquid phase, as a uranil complex. The presence of higher levels of radioactivity in superphosphate, which contains the radium associated with the original phosphate rock and precipitated as phosphogypsum has become a cause for environmental concern. The products and byproducts of the phosphate industry contain various fractions of the uranium, radium and thorium originally present in the rock, depending on the manufacturing process. The present study is aimed towards identifying the source of pollution and the evaluation of the level of radioactive pollution of the environmental factors and the impact on the population in the area of the phosphatic fertilisers plant ROMFOSFOCHIM - Valea Calugareasca. The industrial activity...

Read Monitoring of environmental factors in a radioactive polluted area in Romania
Online

Download PDF Monitoring of environmental factors in a radioactive polluted area in Romania

### See Also



#### Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG,...

**Download Document »** 



#### Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers...

**Download Document »** 



## Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: Unknown in Publisher: Henan Science and Technology Press Information Original Price:...

**Download Document »** 



# Write Better Stories and Essays: Topics and Techniques to Improve Writing Skills for Students in Grades 6 - 8: Common Core State Standards Aligned

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 277 x 211 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*.Mr. George Smith, a children s book author, has been...

**Download Document »** 



### Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Paperback. Book Condition: New. Not Signed; This is a Tinga Tinga tale inspired by traditional stories from Africa. Lion is king of Tinga Tinga but he can't roar! Can his friend Flea help Lion to...

**Download Document »**