

Papers

Amjad Nawaz, Yoshikawa Hidekazu, Ming Yang, Anwar Hussain
THERMAL BEHAVIOR ANALYSIS OF PWR FUEL DURING
RIA AT VARIOUS FUEL BURNUPS USING MODIFIED THEATRe CODE 307-317

Woongbae Kim, Hyungwook Jang, Seungjong Oh, Sangyong Lee
EXTENDED STATION BLACKOUT ANALYSES OF AN
APR1400 WITH MARS-KS 318-326

Mehmet Buyukyildiz, Murat Kurudirek
A STUDY OF THE EFFECTIVE ATOMIC NUMBER OF
 $\text{Si}_x\text{Pb}_{0.7-x}(\text{Fe}_2\text{O}_3)_{0.3}$ TERNARY ALLOYS FOR PHOTONS 327-334

Igor A. Soloviev, Diana Ć. Dolićanin-Djekić
STOCHASTIC MODELS OF HEAT AND NUCLEAR PARTICLE
TRANSFER BASED ON GENERALIZED EQUATION OF
FOKKER-PLANCK-KOLMOGOROV 335-338

Vishvanath P. Singh, Nagappa M. Badiger, Leif Gerward
SHIELDING EFFICIENCY OF METAL HYDRIDES
AND BOROHYDRIDES IN FUSION REACTORS 339-348

Svetlana M. Pejović, Momčilo M. Pejović, Dragan Stojanov
APPLICATION OF pMOS DOSIMETERS IN LOW-FIELD MODE
FOR RADIATION DOSE MEASUREMENTS WHICH COULD
BE USED IN RADIOTHERAPY 349-355

*Tom Adams, Shripad T. Revankar, Peter Cabauy,
Bret Elkind, Darrell Cheu*
BETAVOLTAIC PERFORMANCE UNDER EXTREME
TEMPERATURES 356-360

Mohamed Mazunga, Xiang Ji, Taosheng LI, Yanan Li
DESIGN OF REDUCED SIZE LONG COUNTER WITH
FLAT RESPONSE FUNCTION FROM FEW keV TO 20 MeV 361-365

*Nenad M. Kartalović, Luka S. Perazić,
Ćedomir I. Belić, Ilija B. Jeftenić*
LIFETIME CHARACTERISTICS OF GAIGER-MULLER COUNTERS 366-369

Lukas Kanka, Jiri Janda
STUDY OF THE ALTERNATIVE ELUTION AGENT FOR
THE DIPHONIX RESIN 370-375

*Jelena S. Marković, Svetlana M. Stevović, Milica M. Rajačić,
Dragana J. Todorović, Jelena D. Krneta-Nikolić*
TRANSFER FACTORS FOR THE „SOIL-CEREALS”
SYSTEM IN THE REGION OF PCINJA, SERBIA 376-381

Danial Salehi, Dariush Sardari, Milad S. Jozani
SEMI-EMPIRICAL RELATIONSHIP FOR THE ENERGY
ABSORPTION BUILDUP FACTOR IN SOME BIOLOGICAL SAMPLES 382-387

*Sneha Chandrasekhar, Suresh M. Pradhan,
Madhumita Bhattacharya, Ratna Pradeep, Debabrata Datta*
STUDY ON THE COEFFICIENT OF VARIATION IN
INDIAN PERSONNEL MONITORING SYSTEM 388-392