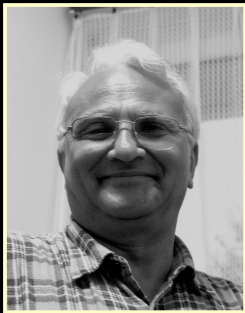




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Sciences behind photography

Camera and workflow of photography are quite complex phenomena. Creating and operating them contains lots of diverse scientific background knowledges. Starting from the main point and aim of photography, the most important, indispensable parts of the cameras will be presented, together with those scientific and technical issues, without which could not have come into existence the film and the digital photography. Since the light plays the main role in the photography, it is not fortuitous, that the characteristics of the light and the rules of optics will be most frequently quoted, but the results of other sciences, as (micro)electronics, chemistry, biology, computer sciences, cognitive sciences will turn up too.

A few important publications:

In my active period my main field of research was experimental nuclear physics, later university management. Main publications from this period:

1. Scope of the autonomy and limitations, in Strategic Management Practices, University Policies and Structures (European Centre for Strategic Management of Universities, Universite Catholique de Louvain-La Neuve, East-West Corporation Program 1994-95) 207-217. (S. Nagy)
2. Semiempirical description of the mass distribution for the $^{238}\text{U}(n,f)$ process in the 1.5 to 15 MeV, Nucl. Sci. Eng. 88 (1984) 154. (S. Nagy, S. Daróczy, P. Raics, I. Boda, I. Matajsz)
3. Mass distributions in monoenergetic neutron-induced fission of ^{238}U , Phys. Rev. 17C (1978) 163. (S. Nagy, K. F. Flynn, J. E. Gindler, J. W. Meadows, L. E. Glendenin)
4. Energy distributios of D-T and D-D neutrons in paraffin moderator at different distances from the source, Nucl. Instr. Meth 91 (1971) 345. (S. Nagy, J. Csikai, I. Angeli)
5. Some (n,p) reaction cross sections for 14.7 MeV neurtons, Nuclear Physics 91 (1967) 222. (J. Csikai, S. Nagy)













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