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retirement in 1984. In addition to elucidating the properties of zinc sulfide phosphors, Shionoya was the codiscoverer of cooperative luminescence in rare-earth solids. He pioneered the application of laser-spectroscopic methods to the study of the dynamics of impurity-activated glasses. Recently he has employed picosecond and coherent techniques in his studies of highly excited systems and ultrafast relaxation phenomena.

Lusztig receives Frank Nelson Cole Prize in Algebra

At its January meeting in Anaheim, California, the American Mathematical Society presented the 1985 Cole Prize in Algebra to George Lusztig of the Massachusetts Institute of Technology for "his fundamental work on the representation theory of finite groups of the Lie type." Lusztig has classified the complex irreducible representations of a reductive group $G(F_q)$ over a finite field F_q ; based on his work, he says, one can now hope that the full character table of G can be determined in the near future. Much of the cited work appeared in his book *Characters of Reductive Groups Over Finite Fields*, published in 1984.

A native of Rumania, Lusztig received his PhD in 1968 from Princeton University. He worked as a visiting member of the Institute for Advanced Study in Princeton (1969-71) and as a research fellow and professor at the University of Warwick in Coventry, England (1971-78) before joining the faculty of MIT in 1978. The Cole Prize is awarded every five years for a notable research memoir in algebra published in the previous five years.

obituaries

Heinz Pick

Heinz Pick, emeritus professor of the University of Stuttgart, died on 20 September 1983. He was born in 1912, and studied physics in Cologne, Munich and Göttingen, carrying out his thesis research under Robert Pohl at Göttingen and obtaining a PhD in 1937. His thesis, "On the influence of temperature on the excitation of color centers," was one of the landmark publications of the work on color centers in the alkali halides in Pohl's laboratory.

World War II took him into industrial research but he returned to Göttingen after the war and did much to reestablish the tempo and quality of