Takeno

Dynamical Problems in Soliton Systems

Proceedings of the Seventh Kyoto Summer Institute, Kyoto, Japan, August 27-31, 1984

This volume contains most of the papers presented in the oral session of the 7th Kyoto Summer Institute (KSI). on Dynamical Problems in Soliton Systems, held in Kyoto from August 27 to 31, 1984. Furthermore, it contains contributions of R. K. Bullough, H. H. Chen, A. S. Davydov, and N. Sanchez, who unfortunately could not attend. Thirty-six papers were presented in the oral session and 17 papers in the poster session. The meeting brought together 109 physicists and mathematicians, of which 22 were from abroad (see group photograph). The KSI is an international meeting organized by the Research Institute for Fundamental Physics (RIFP), Kyoto University to discuss various cur re nt problems of fundamental importance in theoretical physics. The 7th KSI was the first international meeting on solitons in Japan. Early in 1983, it was feit in the RIFP that the time was ripe for a conference dealing with problems concerning solitons. The RIFP asked us to organize the confer ence. The Organizing Committee consisted of: R. Hirota (Hiroshima) T. Taniuti (Nagoya) Y. H. Ichikawa (Nagoya) M. Toda (Tokyo) Z. Maki (Kyoto) M. Wadati (Tokyo) N. Yajima (Fukuoka) S. Takeno (Kyoto) Since its discovery, the study of the soliton as a stable particle-like state of nonlinear systems has caught the imagination of physicists and mathemati cians.

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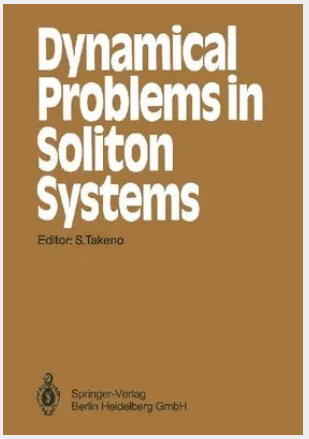

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