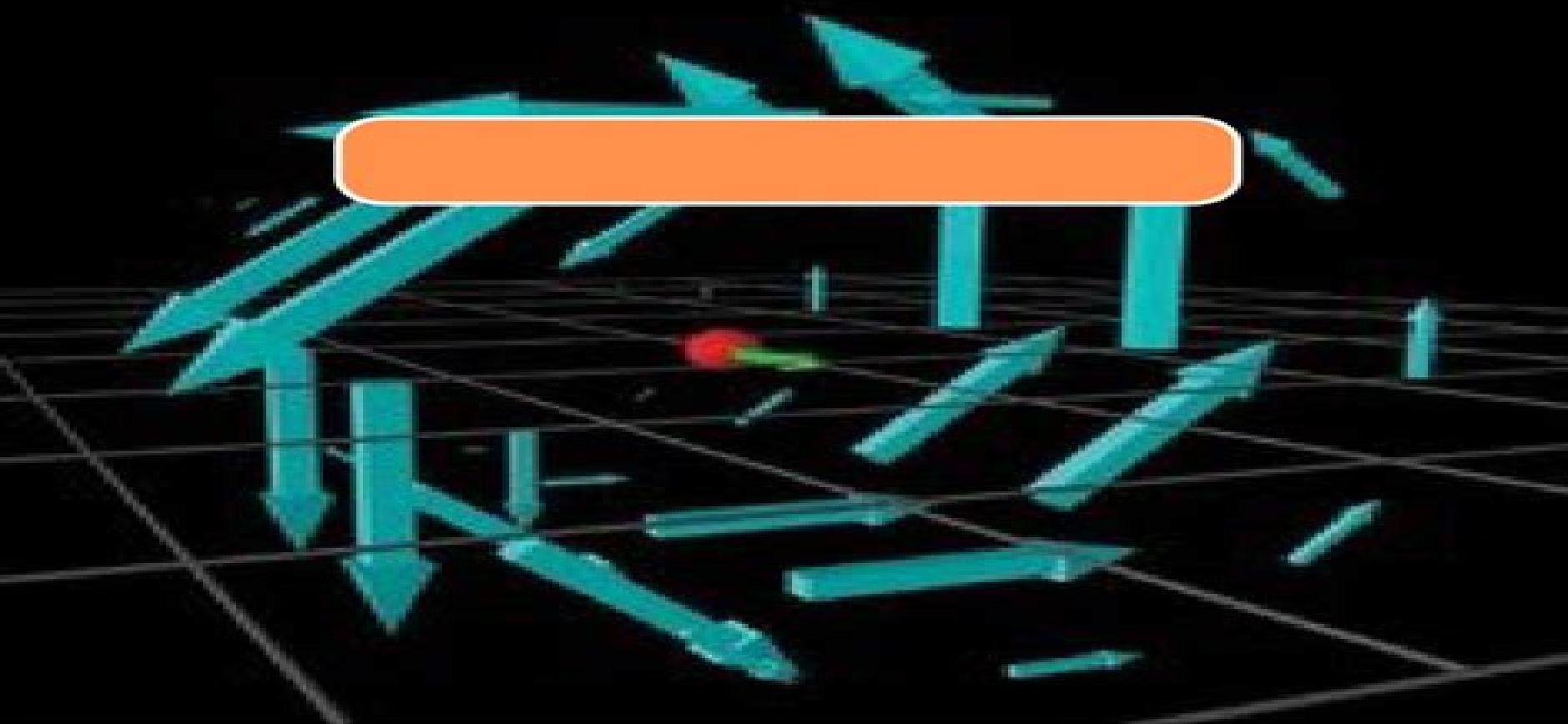


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matter coupled to gauge fields and gravity with torsion from the laws of free matter Through careful analysis of each of these applications the book thus provides students and researchers with supplementary reading material for graduate courses on phase transitions quantum field theory gravitational physics and differential geometry **Nuclear Science Abstracts** ,1965

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[The Encyclopædia Britannica](#) James Louis Garvin,1926 [The Encyclopædia Britannica](#) Hugh Chisholm,James Louis Garvin,1926 **Nonlinearity in Condensed Matter** Alan R. Bishop,David K. Campbell,Steven E. Trullinger,Pradeep Kumar,2012-12-06 The Sixth Annual Conference of the Center for Nonlinear Studies at the Los Alamos National Laboratory was held May 5 9 1986 on the topic Nonlinearity in Condensed Matter Lessons from the Past and Prospects for the Future As conference organizers we felt that the study of non linear phenomena in condensed matter had matured to the point where it made sense to take stock of the numerous lessons to be learned from a variety of contexts where nonlinearity plays a fundamental role and to evaluate the prospects for the growth of this general discipline The successful 1978 Oxford Symposium on nonlinear soliton struc ture and dynamics in condensed matter Springer Ser Solid State Sci Vol 8 was held at a time when the ubiquity of solitons was just begin ning to be appreciated by the condensed matter community in subsequent years the soliton paradigm has provided a rather useful framework for in vestigating a large number of phenomena particularly in low dimensional systems Nevertheless we felt that the importance of nonlinearity in wider arenas than solitonics merited a significant expansion in the scope of the conference over that of the 1978 symposium Indeed many of the lessons are quite general and their potential for cross fertilization of otherwise poorly connected disciplines was certainly one of the prime motivations for this conference Thus while these proceedings contain many contribu tions pertaining to soliton behavior in different contexts the reader will find much more as well particularly in the later chapters **Handbuch der Astrophysik: 1.-2. hälften. Grundlagen der astrophysik. 3. teil. 1. Wärmestrahlung** Gustav Eberhard,Arnold Kohlschütter,Hans Ludendorff,1930

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