

UPPER MAIN SEQUENCE STARS WITH ANOMALOUS ABUNDANCES

edited by

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The puzzling variety of chemical peculiarities among upper main sequence stars is unmatched in the domain of stellar astronomy. In contrast to the situation found in lower main sequence objects, large element-to-iron variations are easily established. Bizarre abundance patterns are characteristic of stars with strong, general magnetic fields. The origin and evolution of these fields and the associated chemistry is discussed in this book.

IAU Colloquium 90 was the first international meeting on this topic where the flavour of ideas of astronomers from Eastern European countries is well represented. The volume contains up-to-date reviews of observational and theoretical work, and many new contributions.

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