Observational investigations

Open Cluster Survey

In Paper VI of our series on CCD color photometry in open clusters, we detected eleven bona fide chemically peculiar stars (five previously identified) in six open clusters in the Milky Way. An important application of the \( \Delta u \)-photometric method is to investigate the kinematics of extragalactic objects. For this purpose, our analysis was extended to include one of the objects previously detected by I. K. Iliev, E. Paunzen, M. Netopil, H. Pöhnl, M. Rode-Paunzen, C. Stütz, H. Baum, and M. L. Alvear-Gómez.

In collaboration with I. K. Iliev (Rozhen, Bulgaria), O. I. Pintado (Tucuman, Argentina) and A. Claret (Granada, Spain) six further galactic open clusters were surveyed for the presence of chemically peculiar (CP) stars using the photometric \( \Delta u \) index. This brings the record of our photometric survey (both photometric and CCD) to 65 published clusters.

The aim of this survey is to identify conditions from which the presence of peculiar stars (especially those with strong global magentic fields) and their kinematics can be inferred by observing their open clusters. In addition to the ongoing CCD photometry in this survey, also photometric investigations are being evaluated for open clusters in the vicinity of the sun.

In Paper VI of our series on CCD color photometry in open clusters, we detected eleven bona fide chemically peculiar stars (five previously identified) in six open clusters in the Milky Way. An important application of the \( \Delta u \)-photometric method is to investigate the kinematics of extragalactic objects. For this purpose, our analysis was extended to include one of the objects previously detected by I. K. Iliev, E. Paunzen, M. Netopil, H. Pöhnl, M. Rode-Paunzen, C. Stütz, H. Baum, and M. L. Alvear-Gómez.

In collaboration with I. K. Iliev (Rozhen, Bulgaria), O. I. Pintado (Tucuman, Argentina) and A. Claret (Granada, Spain) six further galactic open clusters were surveyed for the presence of chemically peculiar (CP) stars using the photometric \( \Delta u \) index. This brings the record of our photometric survey (both photometric and CCD) to 65 published clusters.

The aim of this survey is to identify conditions from which the presence of peculiar stars (especially those with strong global magnetic fields) and their kinematics can be inferred by observing their open clusters. In addition to the ongoing CCD photometry in this survey, also photometric investigations are being evaluated for open clusters in the vicinity of the sun.

In collaboration with I. K. Iliev (Rozhen, Bulgaria), O. I. Pintado (Tucuman, Argentina) and A. Claret (Granada, Spain) six further galactic open clusters were surveyed for the presence of chemically peculiar (CP) stars using the photometric \( \Delta u \) index. This brings the record of our photometric survey (both photometric and CCD) to 65 published clusters.

The aim of this survey is to identify conditions from which the presence of peculiar stars (especially those with strong global magnetic fields) and their kinematics can be inferred by observing their open clusters. In addition to the ongoing CCD photometry in this survey, also photometric investigations are being evaluated for open clusters in the vicinity of the sun.

In collaboration with I. K. Iliev (Rozhen, Bulgaria), O. I. Pintado (Tucuman, Argentina) and A. Claret (Granada, Spain) six further galactic open clusters were surveyed for the presence of chemically peculiar (CP) stars using the photometric \( \Delta u \) index. This brings the record of our photometric survey (both photometric and CCD) to 65 published clusters.

The aim of this survey is to identify conditions from which the presence of peculiar stars (especially those with strong global magnetic fields) and their kinematics can be inferred by observing their open clusters. In addition to the ongoing CCD photometry in this survey, also photometric investigations are being evaluated for open clusters in the vicinity of the sun.

In collaboration with I. K. Iliev (Rozhen, Bulgaria), O. I. Pintado (Tucuman, Argentina) and A. Claret (Granada, Spain) six further galactic open clusters were surveyed for the presence of chemically peculiar (CP) stars using the photometric \( \Delta u \) index. This brings the record of our photometric survey (both photometric and CCD) to 65 published clusters.

The aim of this survey is to identify conditions from which the presence of peculiar stars (especially those with strong global magnetic fields) and their kinematics can be inferred by observing their open clusters. In addition to the ongoing CCD photometry in this survey, also photometric investigations are being evaluated for open clusters in the vicinity of the sun.

In collaboration with I. K. Iliev (Rozhen, Bulgaria), O. I. Pintado (Tucuman, Argentina) and A. Claret (Granada, Spain) six further galactic open clusters were surveyed for the presence of chemically peculiar (CP) stars using the photometric \( \Delta u \) index. This brings the record of our photometric survey (both photometric and CCD) to 65 published clusters.

The aim of this survey is to identify conditions from which the presence of peculiar stars (especially those with strong global magnetic fields) and their kinematics can be inferred by observing their open clusters. In addition to the ongoing CCD photometry in this survey, also photometric investigations are being evaluated for open clusters in the vicinity of the sun.