

Automatic full disk vector magnetogram observing system in HSOS

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Magnetic field is believed the source of the solar activities. In order to get more details and information of the magnetic field before or just after the solar flare onset, we are developing a high frame rate, automatic and intelligent full disk vector magnetogram observing system in HSOS. With this system, we could record the three parameters for the vector magnetogram consequently and automatically. At the same time, a high frame rate mode can be invoked by the parameters from the web GOES X-RAY or local Ha observation. Finally, this system could provide useful information for space weather forecast.