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AD LEO

A continual photoelectric monitoring of the flare star AD Leo was done with the 30-cm reflector of the Okayama Station from 10 to 24 February 1969. During 19 hours of monitoring in total, only one flare-like activity was observed as shown in the following table.

Table 1.  
 Flares of AD Leo observed at Okayama,  
 10 to 24 February, 1969

| Date<br>1969<br>Feb. | Time of<br>Monitoring                                            | F l a r e s                        |                     | Dura-<br>tion    | Integ-<br>rated<br>inten-<br>sity |
|----------------------|------------------------------------------------------------------|------------------------------------|---------------------|------------------|-----------------------------------|
|                      |                                                                  | Time of<br>max.                    | max.<br>m(B)        |                  |                                   |
| 10 <sup>d</sup>      | 12 <sup>h</sup> 14 <sup>m</sup> -13 <sup>h</sup> 18 <sup>m</sup> |                                    |                     |                  |                                   |
|                      | 13 50 -16 01                                                     |                                    |                     |                  |                                   |
|                      | 16 23 -17 49                                                     | 16 <sup>h</sup> 36 <sup>m</sup> ±2 | 0,13 <sup>mag</sup> | 4 <sup>min</sup> | 0.2 <sup>min</sup>                |
| 11                   | 16 41 -20 26                                                     |                                    |                     |                  |                                   |
|                      | 12 31 -14 00                                                     |                                    |                     |                  |                                   |
|                      | 14 18 -15 03                                                     |                                    |                     |                  |                                   |
|                      | 15 47 -17 35                                                     |                                    |                     |                  |                                   |
| 14                   | 17 56 -18 40                                                     |                                    |                     |                  |                                   |
|                      | 13 25 -14 00                                                     |                                    |                     |                  |                                   |
|                      | 16 26 -16 45                                                     |                                    |                     |                  |                                   |
| 16                   | 16 29 -17 02                                                     |                                    |                     |                  |                                   |
| 24                   | 12 45 -13 32                                                     |                                    |                     |                  |                                   |
|                      | 13 50 -14 29                                                     |                                    |                     |                  |                                   |
|                      | 16 10 -18 57                                                     |                                    |                     |                  |                                   |

Tokyo Astronomical Observatory  
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