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INFORMATION BULLETIN ON VARIABLE STARS

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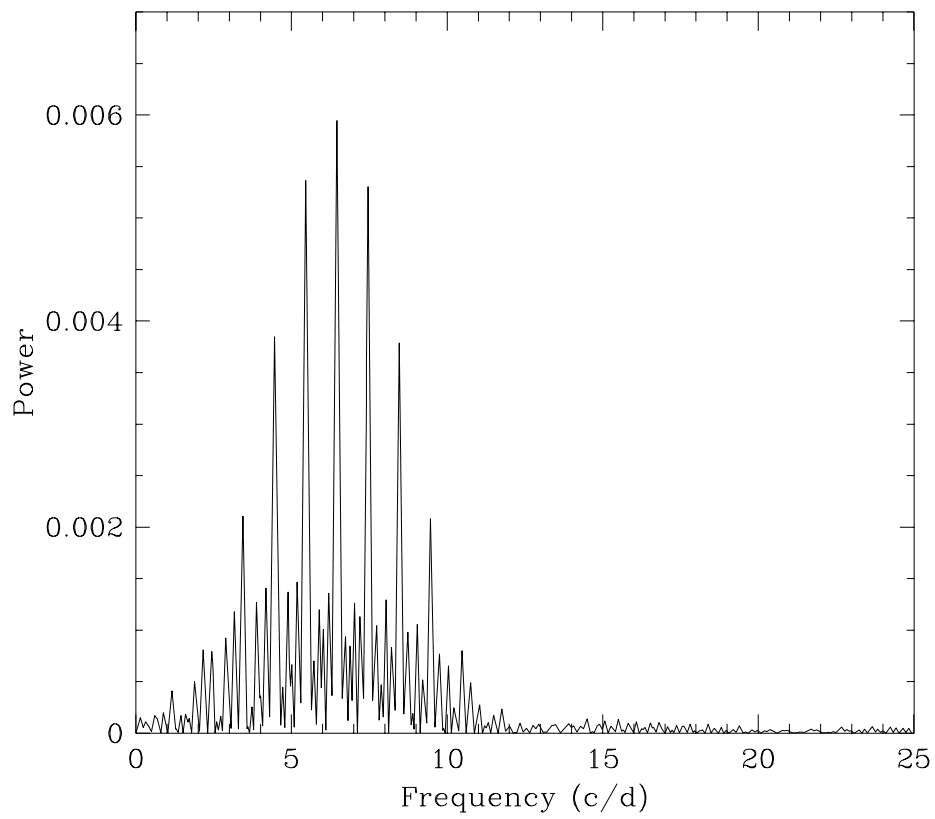
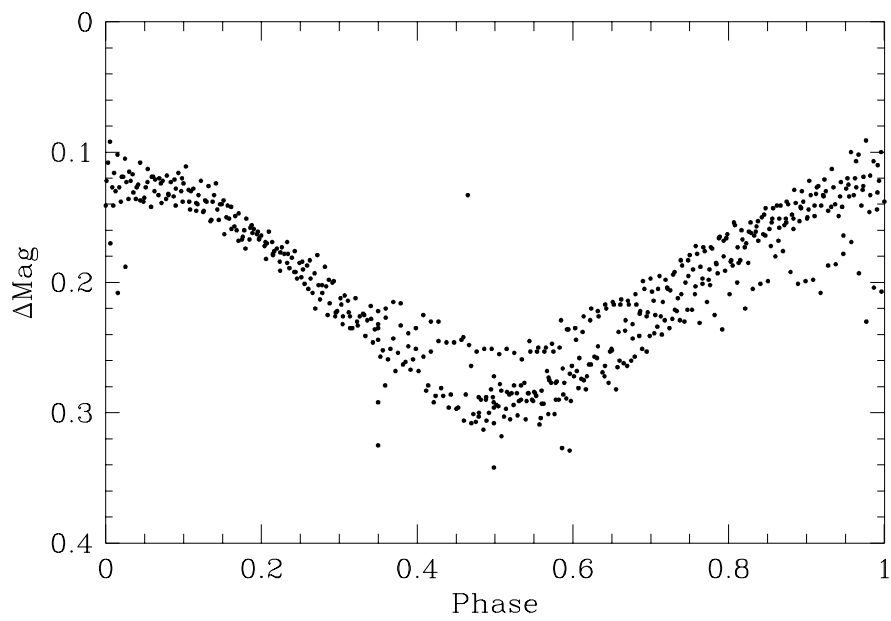
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GSC 03822_01056, A NEW MODERATE AMPLITUDE VARIABLE STAR

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| Name of the object: | |
| GSC 03822_01056 | |
| Equatorial coordinates: | Equinox: |
| R.A. = $10^{\text{h}}33^{\text{m}}53^{\text{s}}$ DEC. = $+58^{\circ}46'54''$ | J2000 |
| Observatory and telescope: | |
| The King's University Observatory, 0.32-m <i>f</i> /4.8 Newtonian | |
| Detector: | CB 245 CCD detector |
| Filter(s): | Unfiltered |
| Comparison star(s): | GSC 03822_00072 |
| Check star(s): | GSC 03822_01157 |
| Transformed to a standard system: | No |
| Availability of the data: | |
| Upon request at bmartin@kingsu.ab.ca | |
| Type of variability: | Unknown — suspect Delta Scuti |
| Remarks: | |
| Field star GSC 03822_01056 was found to be variable during a routine campaign on the cataclysmic variable star DW UMa. Amplitude (Max – Min) is approximately 0.25 mag. The period is $\sim 0^{\text{d}}.15$ and the highly symmetric light curve is suggestive of Delta Scuti type. | |

**Figure 1.****Figure 2.**