arXiv.org > astro-ph > arXiv:1107.3758

Search or Article-id

(Help | Advan

All papers

Astrophysics > Galaxy Astrophysics

Improved distances to several Galactic OB associations

Nadia Kaltcheva, Valeri Golev

(Submitted on 19 Jul 2011)

Based on uvbybeta photometry we study the structure of several Galactic star-forming fields. Lac OB1 is a compact association at 520+/-20 pc spatially correlated with a region of intense HII emission in Sh2-126. Loden 112 is a compact OB group at 1630+/-82 pc, probably connected to an extended feature of OB stars located toward the Carina tangent. The field toward Car OB1 is complex and likely contains apparent concentrations representing parts of long segments of the Carina arm projected along the line of sight. Within the classical Mon OB2 association we separate a relatively compact group at 1.26 kpc, that is spatially correlated to the Monoceros Loop SN remnant.

Comments: 6 pages, 4 figures, proceedings of "Stellar Clusters and Associations - A RIA

workshop on GAIA", 23-27 May 2011, Granada, Spain

Subjects: **Galaxy Astrophysics (astro-ph.GA)**

Cite as: arXiv:1107.3758 [astro-ph.GA]

(or arXiv:1107.3758v1 [astro-ph.GA] for this version)

Submission history

From: Valeri Golev [view email]

[v1] Tue, 19 Jul 2011 16:06:05 GMT (1534kb,D)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.

Download:

- PDF
- Other formats

Current browse cont astro-ph.GA

< prev | next > new | recent | 1107

Change to browse b astro-ph

References & Citation

- INSPIRE HEP (refers to | cited by)
- NASA ADS

Bookmark(what is this?)









