#### ASTRONOMICHESKII TSIRKULYAR

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**Abstract.** This text contains Instructions for our Authors; at the same time, it shows the general layout of a contribution to the Astronomicheskii Tsirkulyar as it will appear published in the electronic form. See the source TeXfile 'sample\_e.tex' stored in this directory to get an idea on how we got this text. Place your abstract here, it must not exceed ten lines. It is in English, if the article is in English; in this case, place the Russian abstract at the end of the article.

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## Formulas, Illustrations, and Tables

Below we give you some examples of how to compose equations and tables and to insert figures.

Evident inequalities:

$$\pi \gtrsim 3.141 \text{ and } \pi \lesssim 3.142$$

(this formula is not numbered).

Here is the Saha equation

$$n_e \frac{n^+}{n_1} = \frac{g^+}{g_1} \frac{2(2\pi mkT)^{3/2}}{h^3} \exp\left(-\frac{\chi_1}{kT}\right),$$
 (1)

where  $n^+$  is the number density of ionized atoms in the ground state (cm<sup>-3</sup>),  $g^+$  is the statistical weight of this state,  $n_e$  is the number density of free electrons (cm<sup>-3</sup>).

An example of an illustration (*EPS format is preferable*):

Equation of radiative transfer in spherical coordinates:

$$\cos \vartheta \frac{\partial I}{\partial r} - \frac{\sin \vartheta}{r} \frac{\partial I}{\partial \vartheta} = -\alpha I + \varepsilon, \tag{2}$$

where  $\varepsilon$  is volume emissivity.

In cylindrical coordinates, the gravitational potential of a body with an arbitrary distribution of density  $\sigma$  is:

$$U(r,\varphi,z) = G \iiint_{V} \frac{\sigma(\rho,\psi,\zeta)\rho \,d\rho \,d\psi \,d\zeta}{\sqrt{\rho^2 + r^2 - 2\rho r \cos(\varphi - \psi) + (z - \zeta)^2}},\tag{3}$$

where the integration is carried out over the entire volume V of the body.

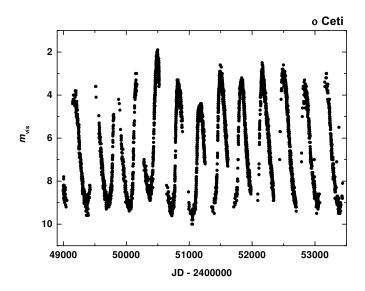


Figure 1: Plot of stellar magnitudes versus time for the star o Ceti.

Table 1: An example of a small table. Four brightest stars

		Other Names		J2000		
Star	Name					$m_V$
		BD, CPD	HD	$\alpha$	$\delta$	(mag)
α CMa	Sirius	$-16^{\circ}1591$	48915	$06^{\rm h}45^{\rm m}10^{\rm s}.762$	$-16^{\circ}41'57''.82$	-1.46
$\alpha$ Car	Canopus	$-52^{\circ} 914$	45348	06 23 57.005	$-52\ 41\ 45.55$	-0.57
$\alpha$ Boo	Arcturus	$+19^{\circ}2777$	124897	14 15 43.458	+19 12 36.73	-0.05
$\alpha$ Lyr	Vega	$+38^{\circ}3238$	172167	18 36 55.377	+38 46 46.78	+0.03

Notes to Table 1. Here you can insert some comments to the above Table.

## Citations

References in the text should be given in square brackets [1, 2]. Use the abbreviations accepted now in astronomy journals (see, e.g., the Astrophysical Journal):

AZh for Astronomicheskii Zhurnal

PAZh for Pis'ma v Astronomicheskii Zhurnal

ApJ for Astrophysical Journal

AJ for Astronomical Journal

A&A for Astronomy and Astrophysics

MNRAS for Monthly Notices of the Royal Astronomical Society etc.

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### Название статьи на русском языке

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**Резюме.** В конце статьи, написанной по-английски, приводится её резюме на русском языке.