

XXI Международная астрономическая олимпиада

XXI International Astronomy Olympiad

Болгария, Пампорово-Смолян

5 - 13. X. 2016

Pamporovo-Smolyan, Bulgaria

ЯЗЫК

language

English

Evaluation criteria for problem №

B1

of jury member

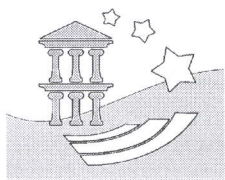
ОТА КЕНАР

(CZ)

country

<u>No</u>	Abbreviation (if used in table)	Explanations of gradating sub-points	N of points
1	/	I do not use "Initial size of the star does not matter", because nobody of participant using this way	0
2	/	I do not use "Period depends on density...", because nobody was using.	0
3	a	I used "Using difference in luminosities"	2
4	b	I used "Using irradiation law"	1
5	/	I do not use "Finding the density...", because nobody was using.	0
6	c	I use "Finding radius of Betelgeuse"	2
7	d	I use "Using 3rd Kepler's Law & for period"	1
8	e	I use "Finding orbital period"	1
9	f	I use "Correct accuracy in the answer (not more 2 signif. digits)"	1
		Equivalent correct parts of other ways of solution	8
		Extra conclusions or correct additions (add. to 8 pt)	

Jury member signature



XXI Международная астрономическая олимпиада
XXI International Astronomy Olympiad

Болгария, Пампорово-Смолян 5 - 13. X. 2016 Pamporovo-Smolyan, Bulgaria

Group

α β

ЯЗЫК
language

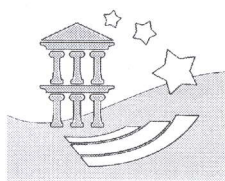
English

Evaluation criteria for problem No $\beta-2$
of jury member K. PIMSAMARN (TH)
country

<u>No</u>	Abbreviation (if used in table)	Explanations of gradating sub-points	N of points
$\beta-2$	2.1	Conservation of Angular Momentum	1
$\beta-2$	2.2	Correct Formulation	1
$\beta-2$	2.3	Polar Ice Approximation	1
$\beta-2$	2.4	Parameter Substitutions	1
$\beta-2$	2.5	Transformation of Equation into $\frac{\Delta h}{\Delta T}$	2
$\beta-2$	2.6	Subtraction by 1.6ms/100yrs	1
$\beta-2$	2.7	Final Graph	1
		Equivalent correct parts of other ways of solution	8
		Extra conclusions or correct additions (add. to 8 pt)	

Jury member signature

Kulapant Pimsam

XXI Международная астрономическая олимпиада
XXI International Astronomy Olympiad

Болгария, Пампорово-Смолян 5 - 13. X. 2016 Pamporovo-Smolyan, Bulgaria

Group

ЯЗЫК
languageEnglishEvaluation criteria for problem No
of jury memberβ-4Yoojea Kim(Korea)

country

No	Abbreviation (if used in table)	Explanations of gradating sub-points	N of points
1		The relative configuration and motion of Sun, Moon and comet .	1
2		in the evening	1
3		Position of Sun in Taurus during 7~22 June .	0.5
4		Position of Moon in Gemini relative to Sun during 7~22 June .	0.5
5		Position of Moon in Gemini constellation . during 7~22 June	1
6		The Moon in W or NW .	1
7.		Artistic drawing	1
8		calculations including synodic period of Moon considerations of leap years, etc with any reasonable considerations of other factors.	1
9		It was observed on June 7-9, 813 in the beginning of standing .	1
		Equivalent correct parts of other ways of solution	8
		Extra conclusions or correct additions (add. to 8 pt)	

Jury member signature