



*School professors Vladimir Makats (Ukraine).
Initial course of remote training of doctors
on a problem: " Functional biodiagnostics and
Correction of vegetative infringements at children".*

UDC 001.894:612

76.29.47-pediatrics; 76.35.35-rehabilitation;

76.35.49-alternative medicine;

*... According to recommendations the CART of
one of bases of medicine at the present stage should be-
come electro diagnostics on points of acupuncture and
reflexotherapy ... [the International meeting the CART
on traditional medicine. Yerevan, 19-20.09.2003].*



FUNCTIONAL BIORHYTHMS. DEPENDENCE OF VEGETATIVE PROFILES ON THE PHASE OF LUNAR ACTIVITY (message-18).

Makats D.V.

Vinnitsa branch of the State enterprise of scientific research institute of medicine of transport of Ministry of Health of Ukraine (the cooperating center the WHO).
21036, Ukraine, Vinnitsa, Revolutionary 26/3, dr.makats@yandex.ru dr.makats@i.ua

The resume. The problem of dependence of system vegetative profiles from a phase of Lunar activity is considered. The attention to specific vegetative dynamics of functional systems of the first complex is paid. The conclusion about its value in the mechanism of biophysical formation of a functional daily biorhythm becomes. Identification of system dependence specifies in necessity of detailed studying of the revealed phenomenon.

Keywords. Is functional-vegetative system, functional biorhythms, Moon phases, system dependence.

The short preface. Problem article "Functional biorhythms. Dependence of vegetative profiles on a phase of the Moon Th of activity" is devoted the unknown person before Is functional-vegetative system of the person (FVS) and is a fragment of proofs of its biophysical reality. In article following designations of channels of the acupuncture (meridians) which traditional name is presented today by concept about interdependent functional systems are used: LU- lungs; LI-thick intestines; a ST-stomach; a SP-spleen (pancreas); HT-heart; SI-small intestines; a BL-bladder; KI-

kidneys; a PC pericardium; a TE-threefold heater (lymphatic system); a GB-gall bladder and a LR-liver. Analogs the presented experimental materials aren't present.

Research objective - the information of the scientific and medical public on the unknown person before Is functional-vegetative system of the person. Open phenomena confirm a biophysical reality of channels of acupuncture (meridians) of traditional Chzhen-tszju of therapy, its system character and the direct relation to a vegetative homeostasis. Biophysical audit of traditional positions specifies in a number of theoretical and practical errors that demands additional specialization of experts and corresponding correction of curriculums.

Materials and research methods. Supervision over functional (vegetative) health of the children's population of Ukraine were spent under the Program "System of two stages of rehabilitation of vegetative infringements at children living in a zone of radiating control of Ukraine" (Commissions of the Cabinet of Ukraine №1861/4 and №12010/87)" on the basis of an original method of vegetative biodiagnostics (on V.Makats) [1-2; 4-9; 15-16]. Its methodology is proved by unknown earlier biophysical phenomena, has original standard base and is characterized by comparability of the received results at repeated researches. Under the Program it is surveyed more than 18.000 children of a different floor and age.

Results of research and their discussion – on a problem "Vegetative profiles of systems and phase activity of the Moon" ...

VEGETATIVE PROFILES OF SYSTEMS OF THE FIRST COMPLEX (FIG. 1).

Dynamics of daily profiles of functional systems of the first complex (SP-BL) speaks about their accurate dependence on phase activity of the Moon. If in a phase of the New Moon their activity within days doesn't exceed a zone of the norm in a phase of the Full Moon the norm zone is periodically blocked. Thus their asynchronous activity on pair and unpaired hours that has something in common with traditional position about "two sentry" activity of separate functional systems was unexpectedly showed. But about it later ...

Daily profiles of functional system SP (FK-1) and Moon phases (fig. 1 a-d)

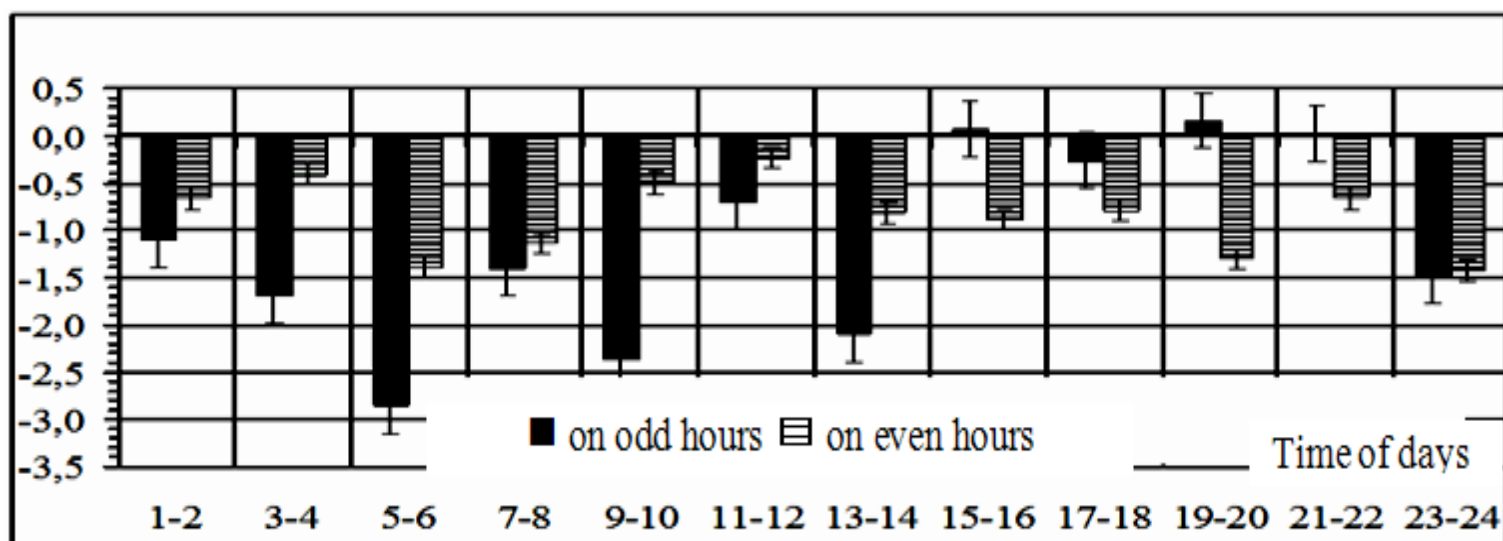


Fig.1a The Daily profile of activity SP in a phase of the New Moon.

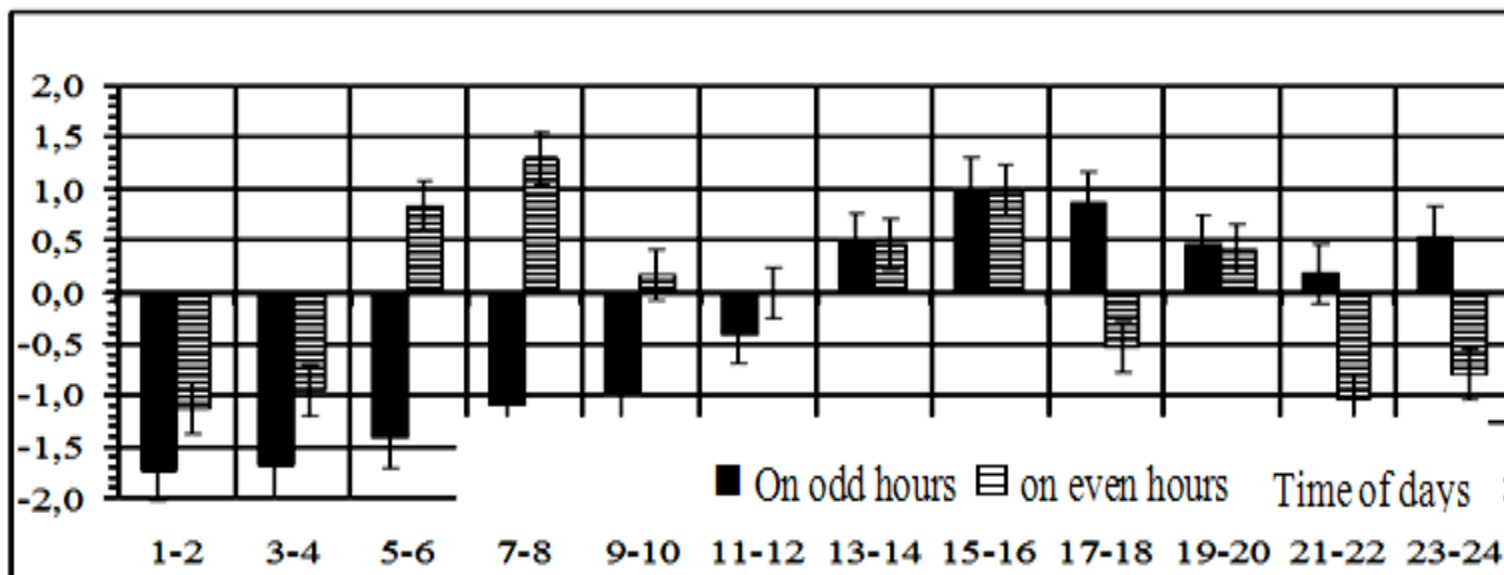


Fig.1b The Daily profile of activity SP in a phase of the first quarter of the Moon

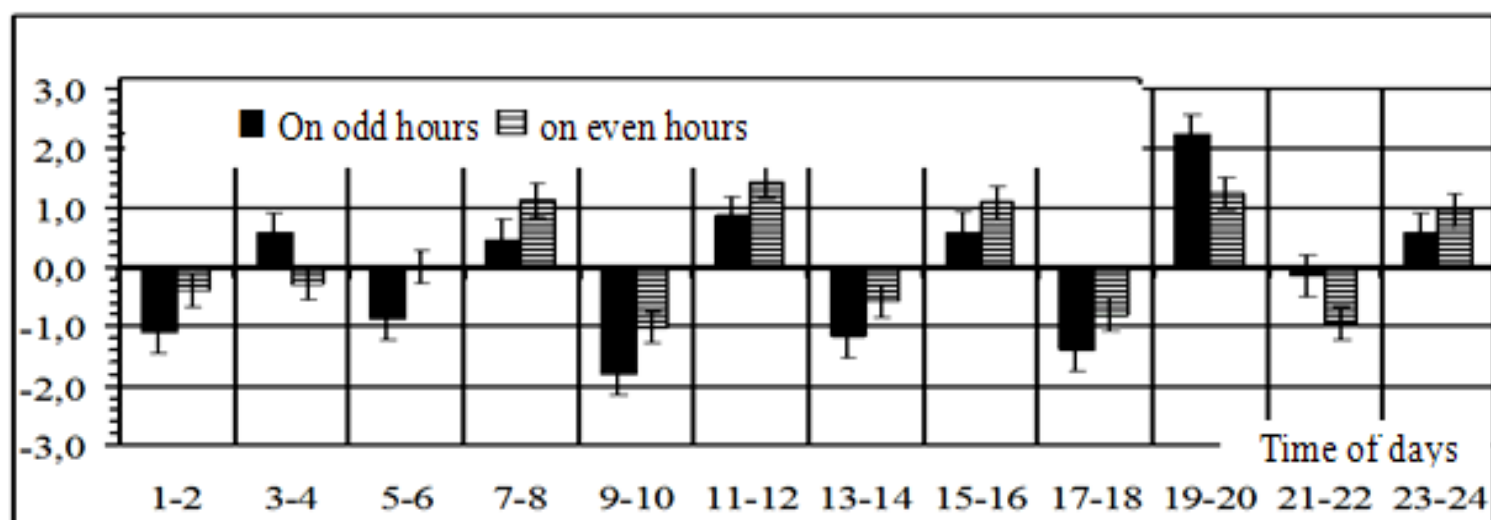


Fig.1c The Daily profile of activity SP in a phase of the Full Moon

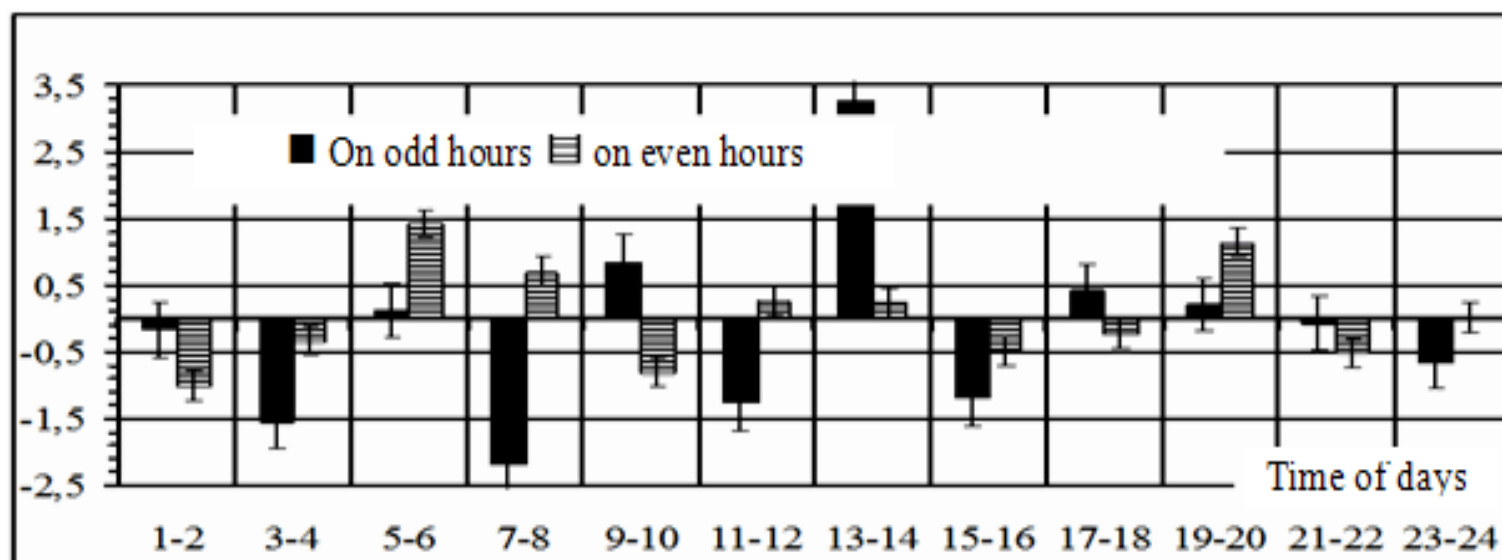


Fig.1d The Daily profile of activity SP in the second quarter of the Moon

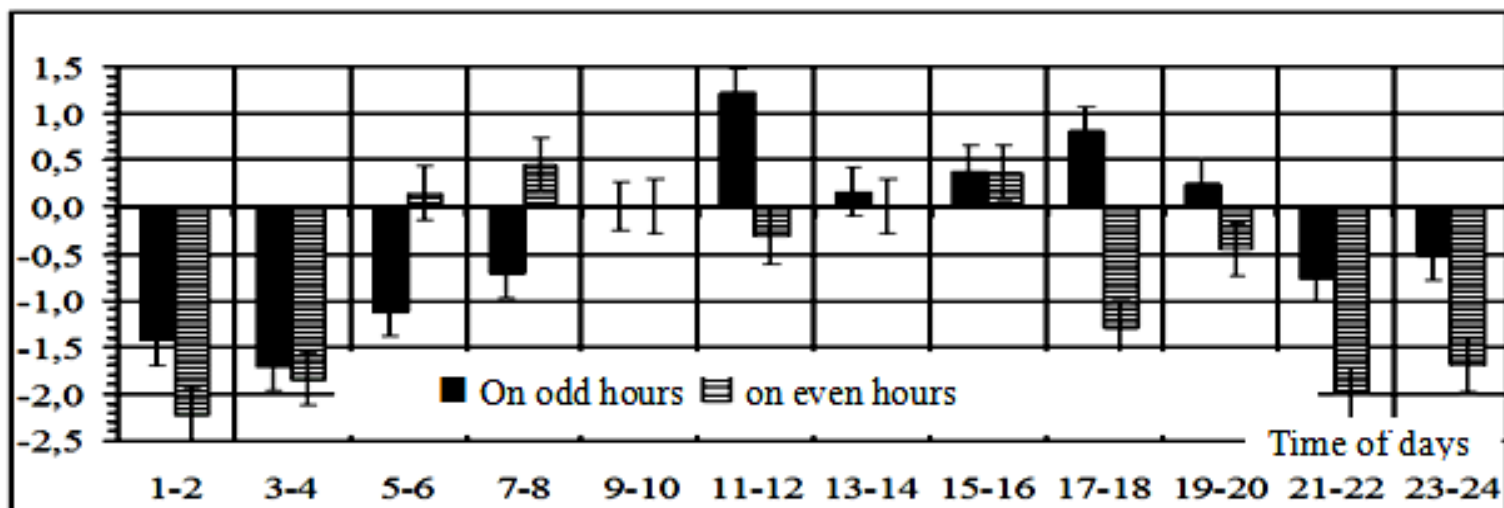


Fig.1f The Daily profile of activity BL in the first quarter of the Moon

Daily profiles of functional system BL (FK-1) and Moon phases (fig. 1 e-h).

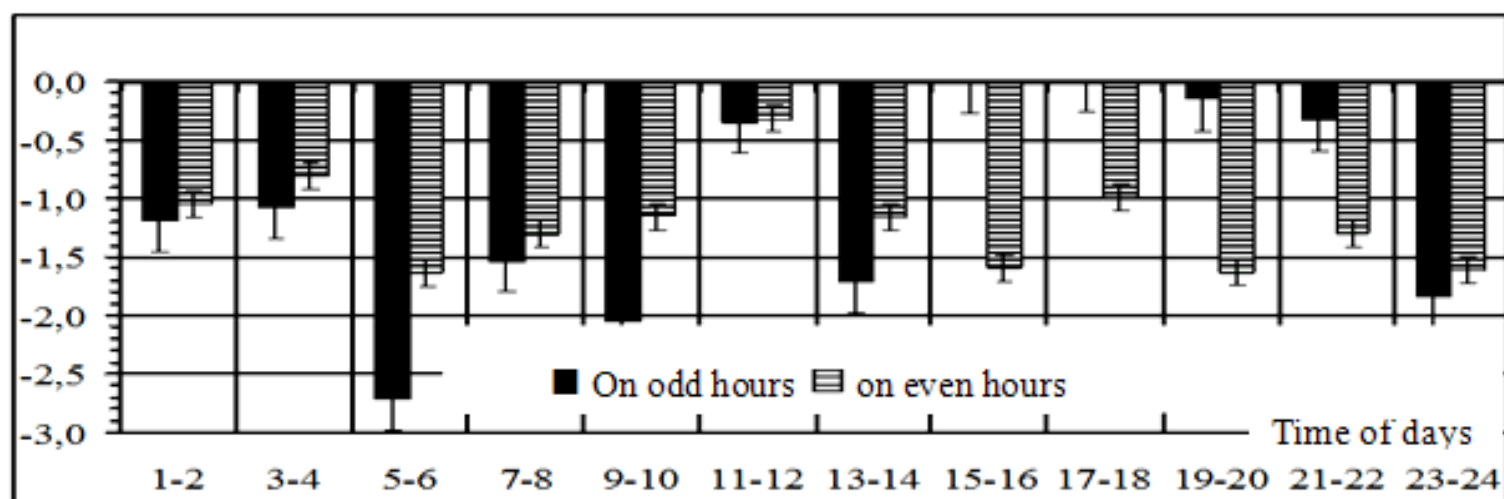


Fig.1e The Daily profile of activity BL under the New Moon

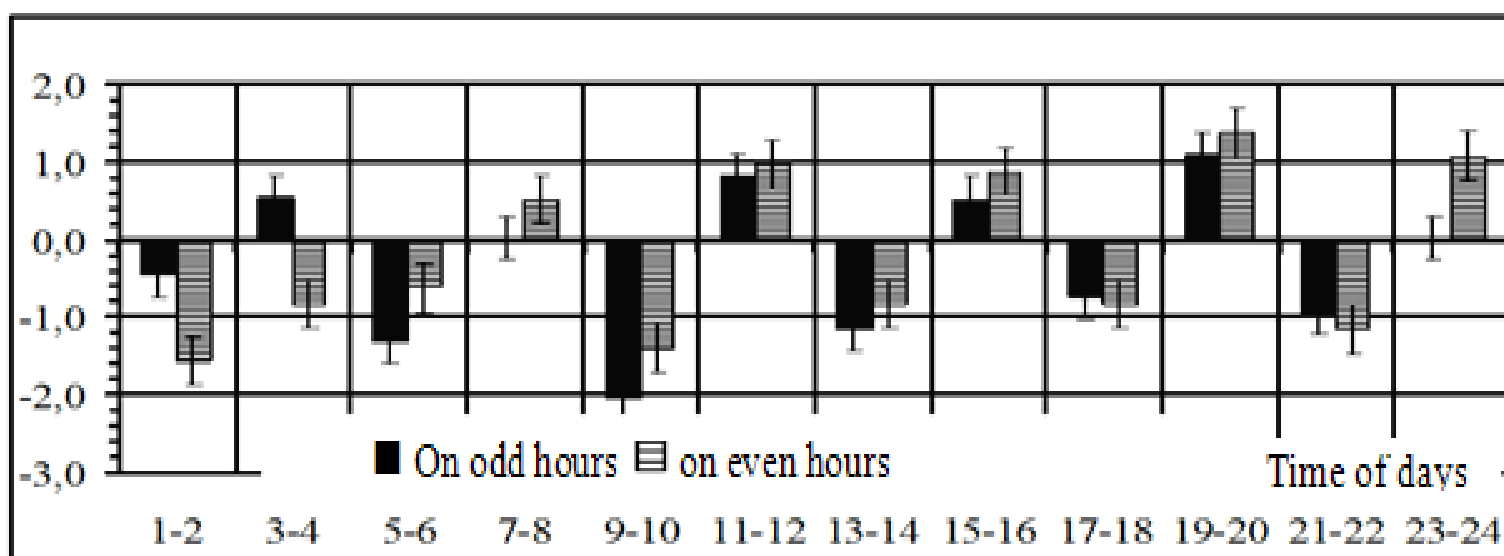


Fig.1g The Daily profile of activity BL under the Full Moon

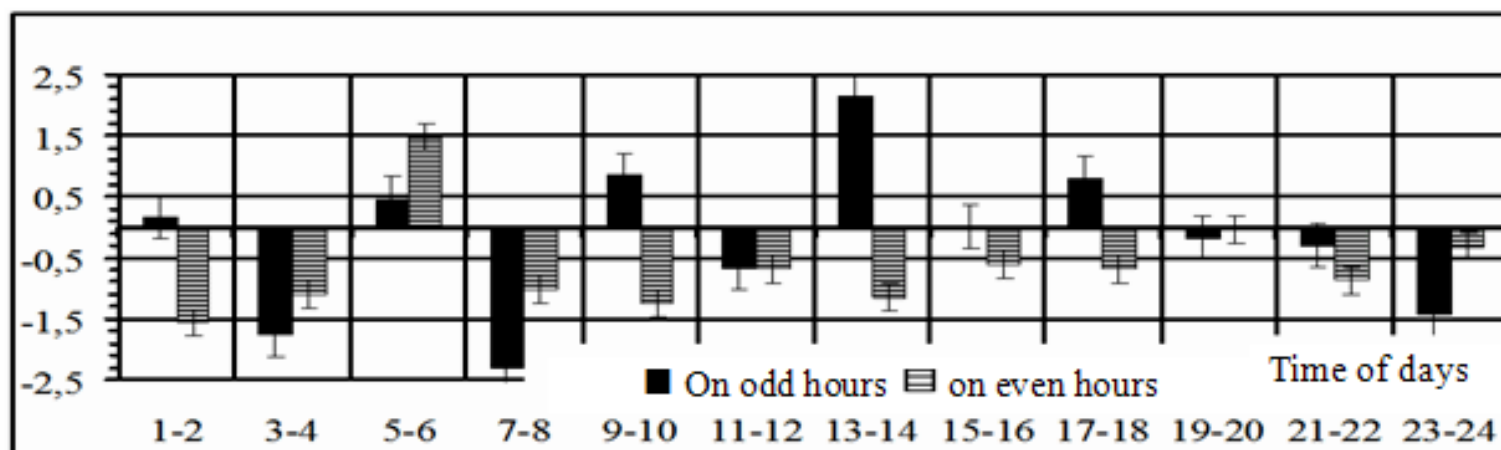


Fig.1h The Daily profile of activity BL in the second quarter of the Moon

VEGETATIVE PROFILES OF SYSTEMS OF THE SECOND COMPLEX (FIG. 2).

Dynamics of daily profiles of systems of the second complex (LI-TE-SI) specifies on its relative independence of the Moon phase. Differently for their functioning there should be other driver of a rhythm. The zones of activity FK-2 pay attention: TE - above a norm zone, LI - round it, and SI - below a norm zone. The rhythm found out earlier thus remains: excitation (oppression) on even (and odd) to hours...

Daily profiles of functional system LI (FK-2) and Moon phases (fig. 2 a-d)

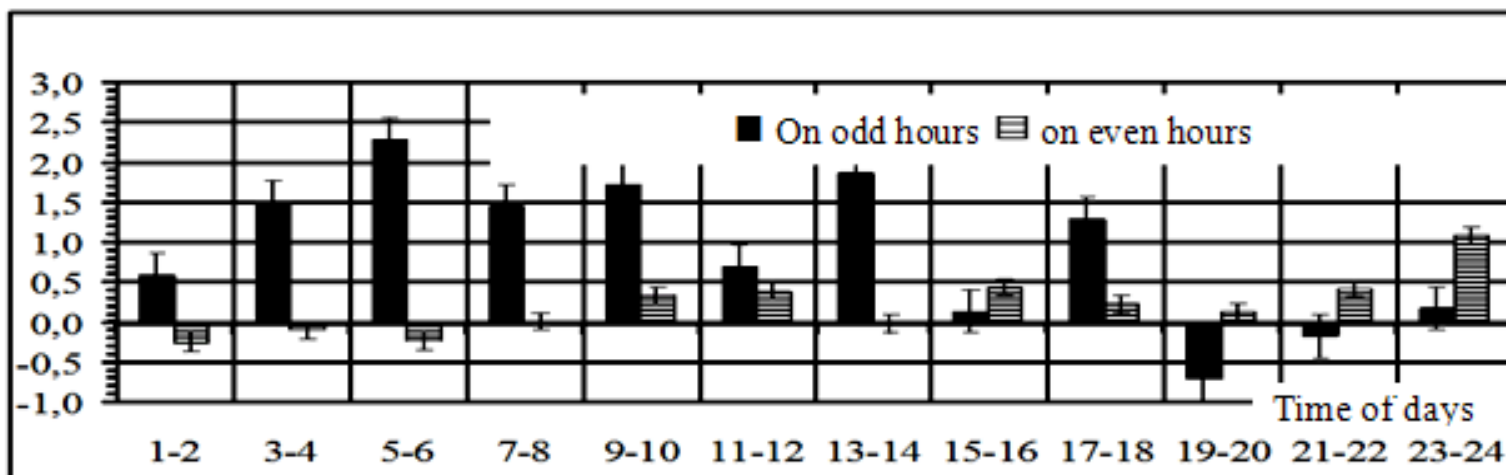


Fig. 2a The Daily profile of activity LI under the New Moon

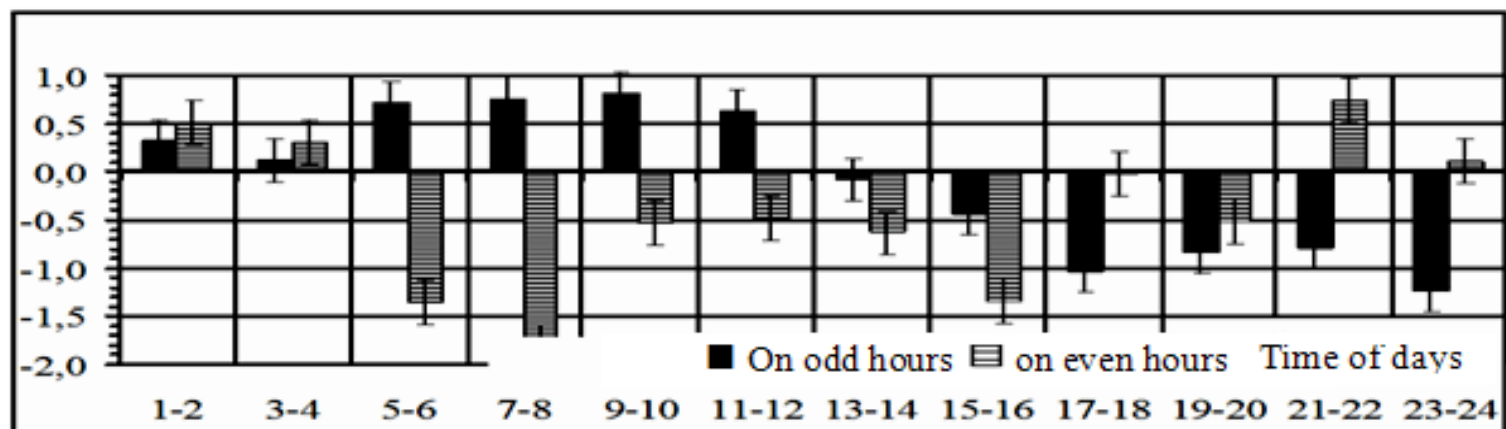


Fig. 2b The Daily profile of activity LI in first 1/4 of Moon

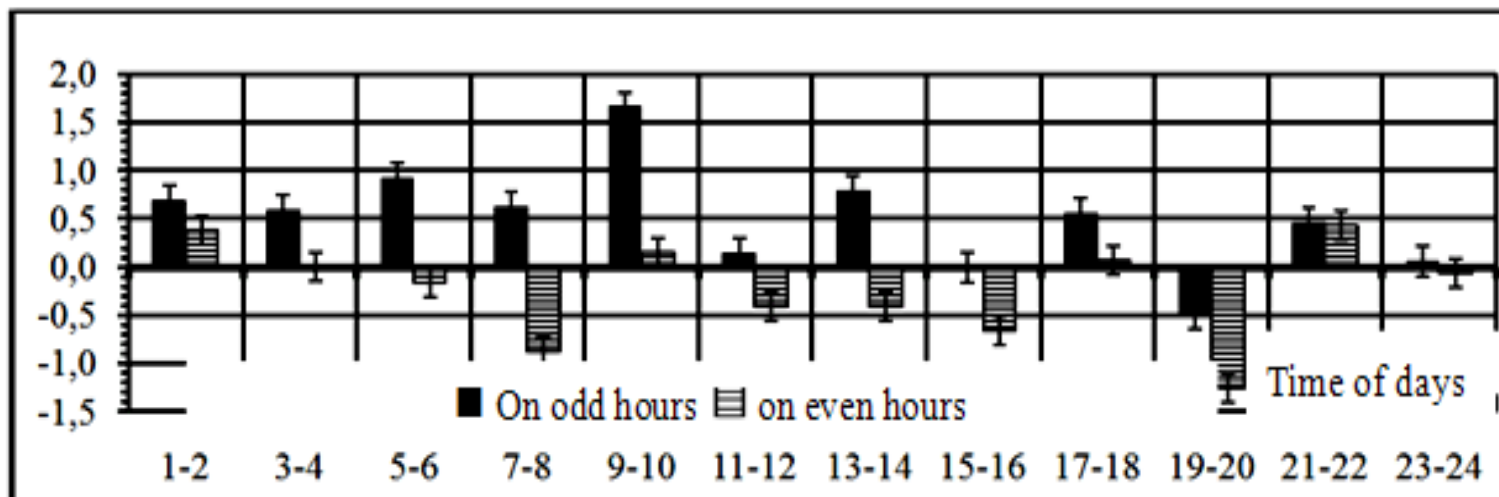


Fig. 2c The Daily profile of activity LI at Full of the Moon

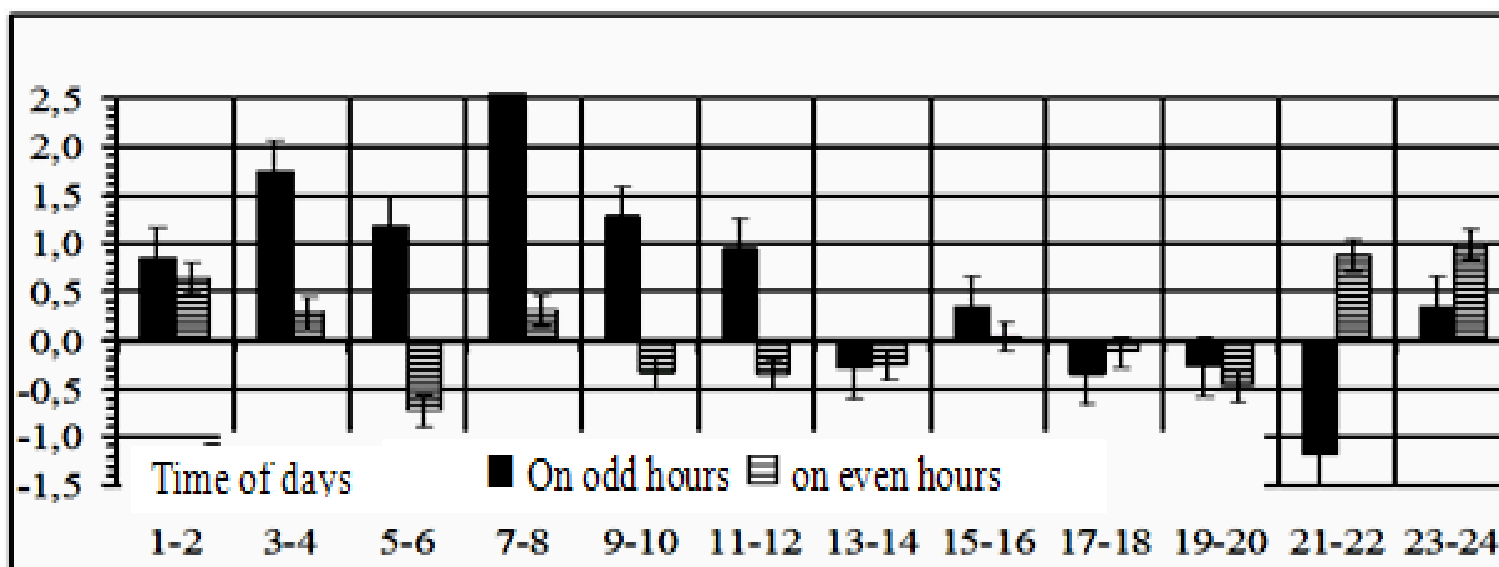


Fig. 2d The Daily profile of activity LI in second 1/4 of Moon

Daily profiles of functional system TR (FK-2) and Moon phases (fig. 2 e-h)

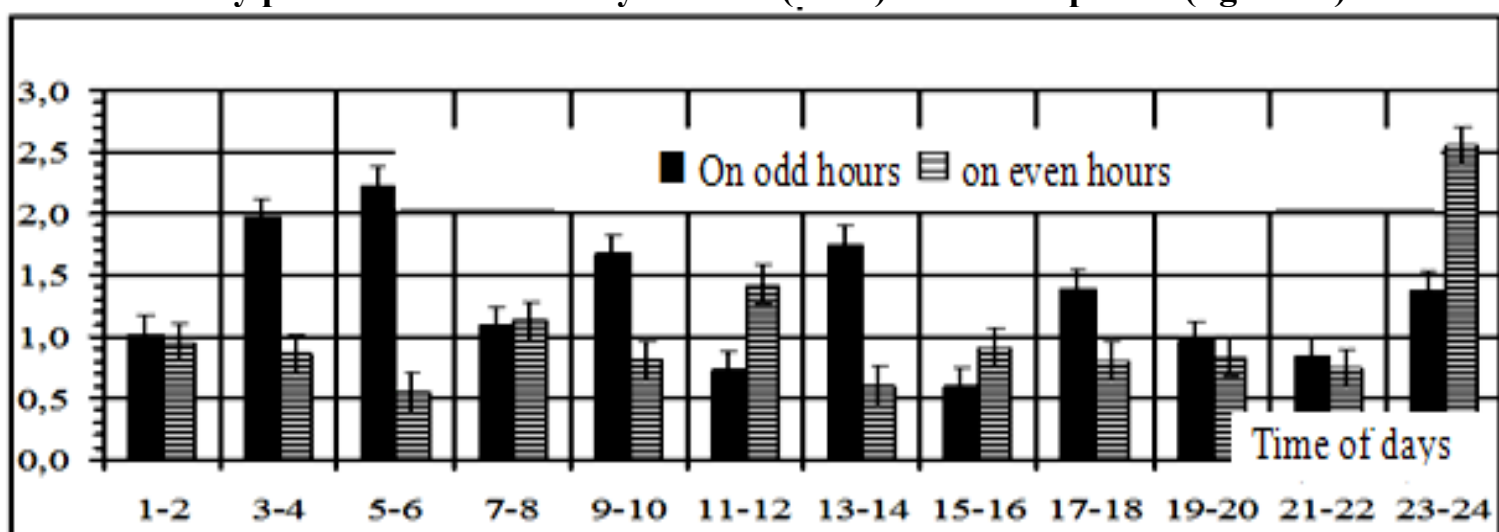


Fig.2e The Daily profile of activity TE under the New Moon

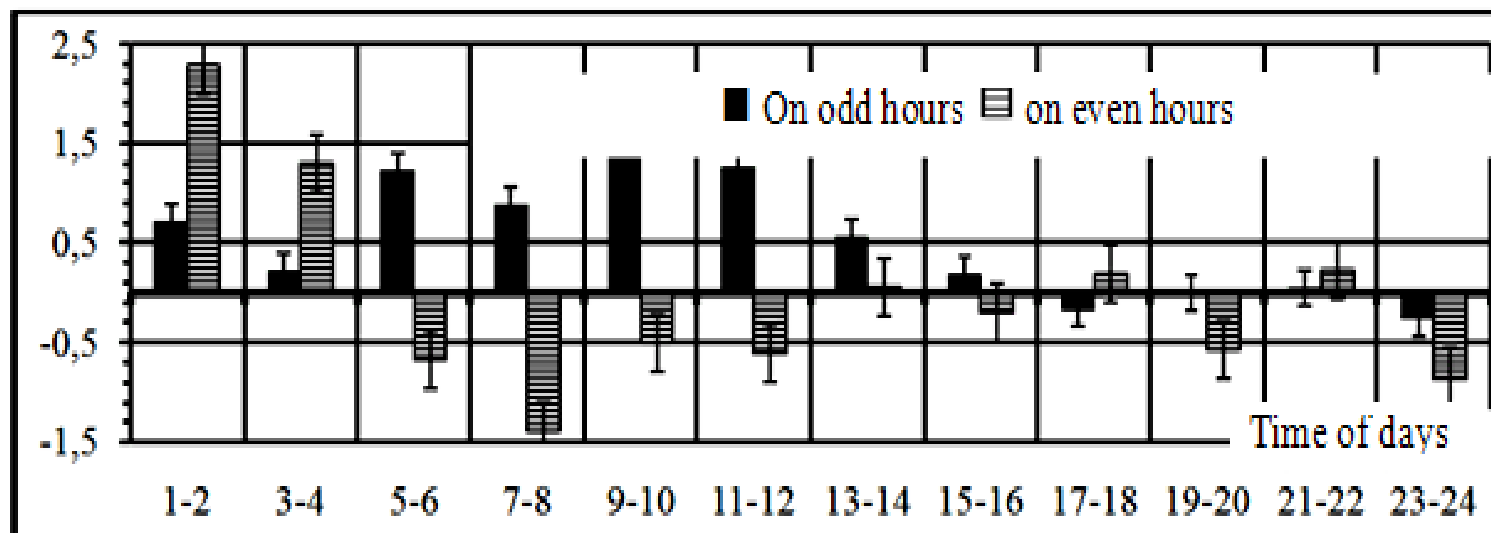


Fig.2f The Daily profile of activity TE in the first quarter of the Moon

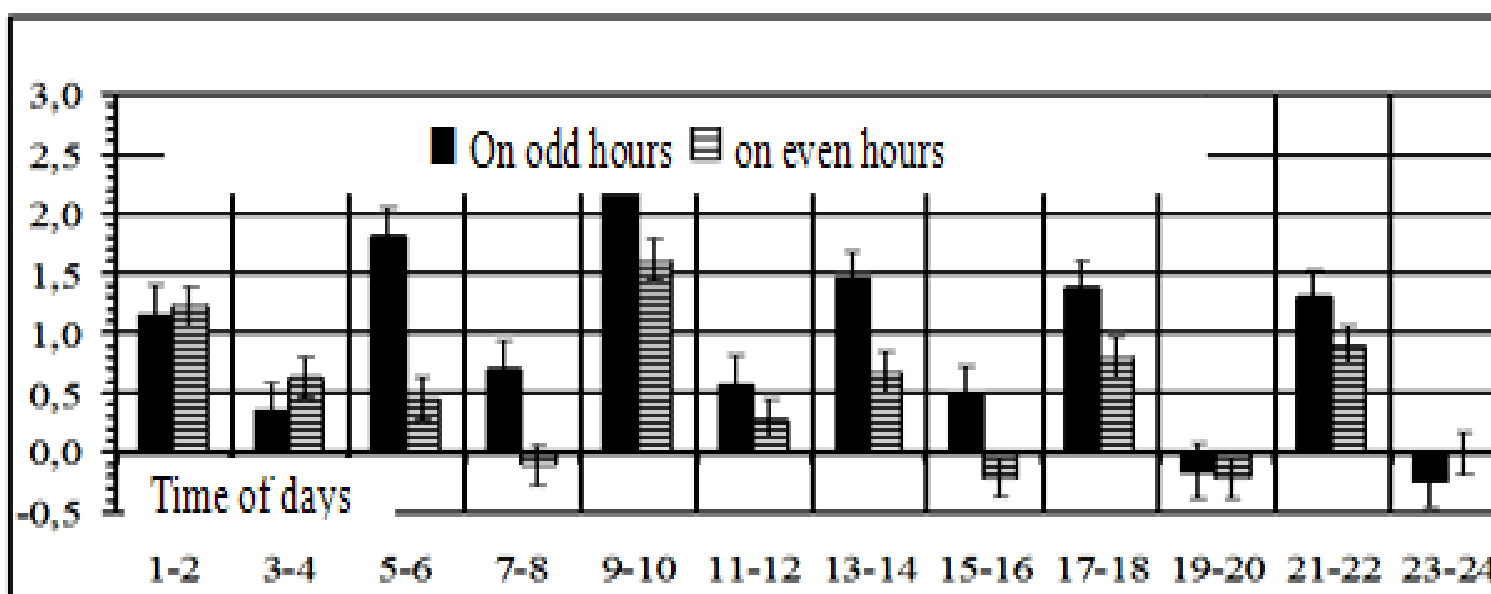


Fig.2g The Daily profile of activity TE under the Full Moon

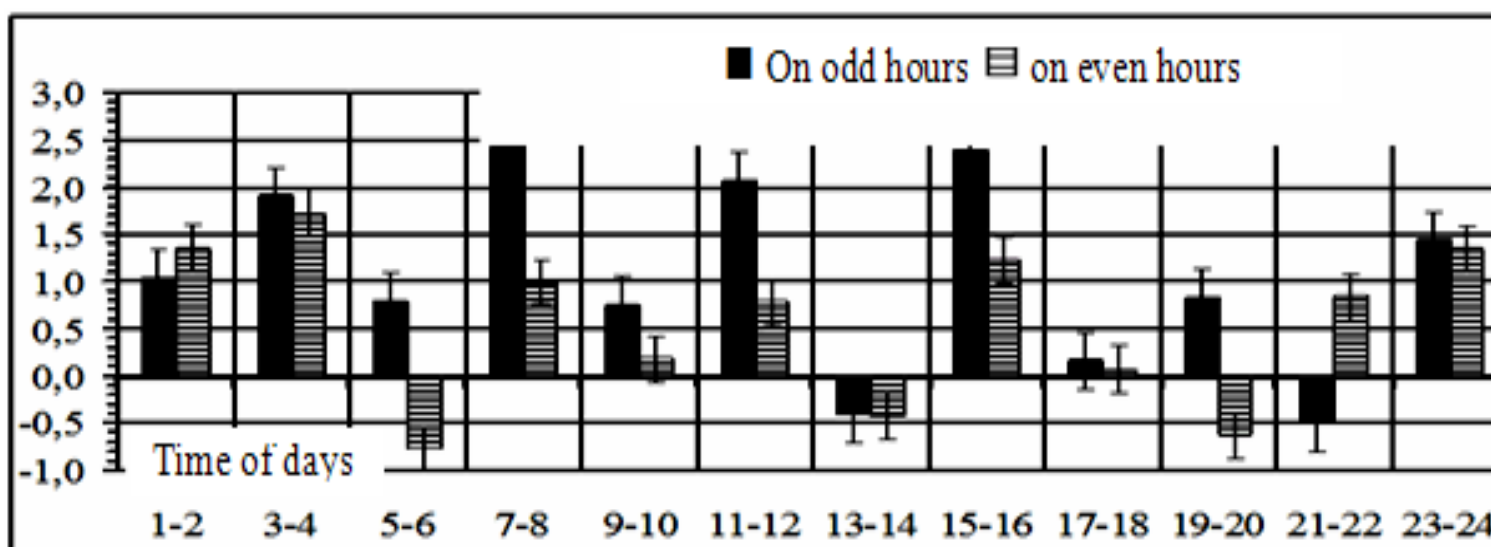


Fig.2h The Daily profile of activity TE in the second quarter of the Moon

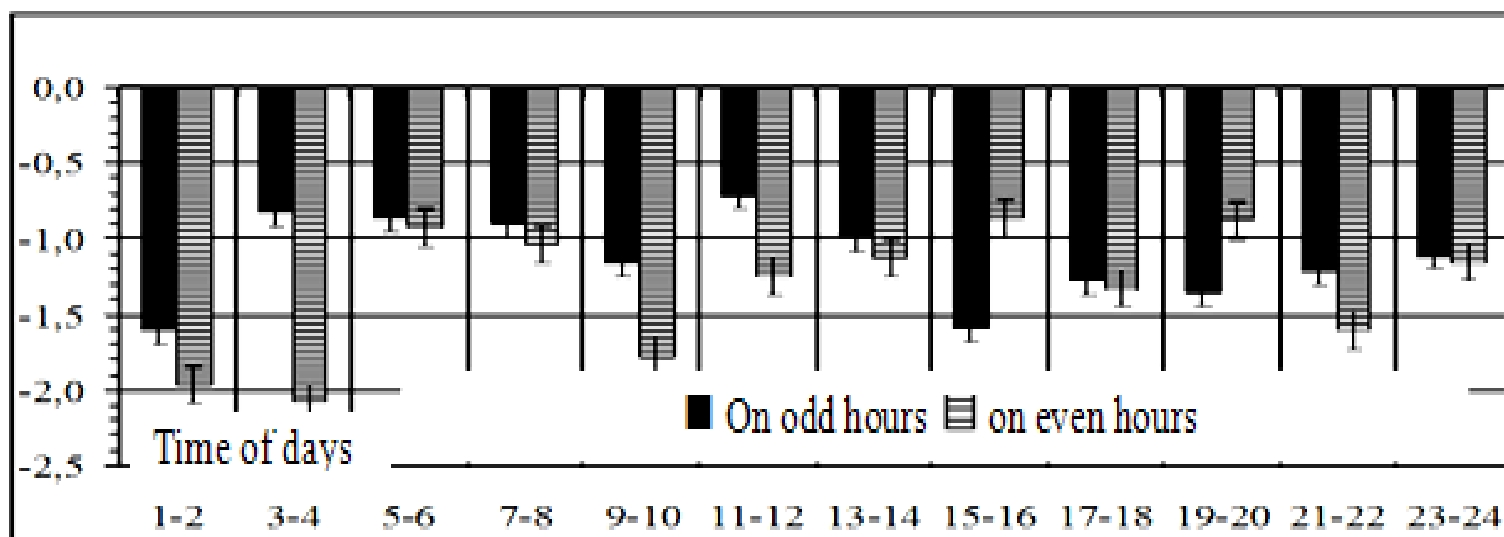
Daily profiles of functional system SI ($\Phi K-2$) and Moon phases (fig. 2 i-l)

Fig.2i The Daily profile of activity SI under the New Moon

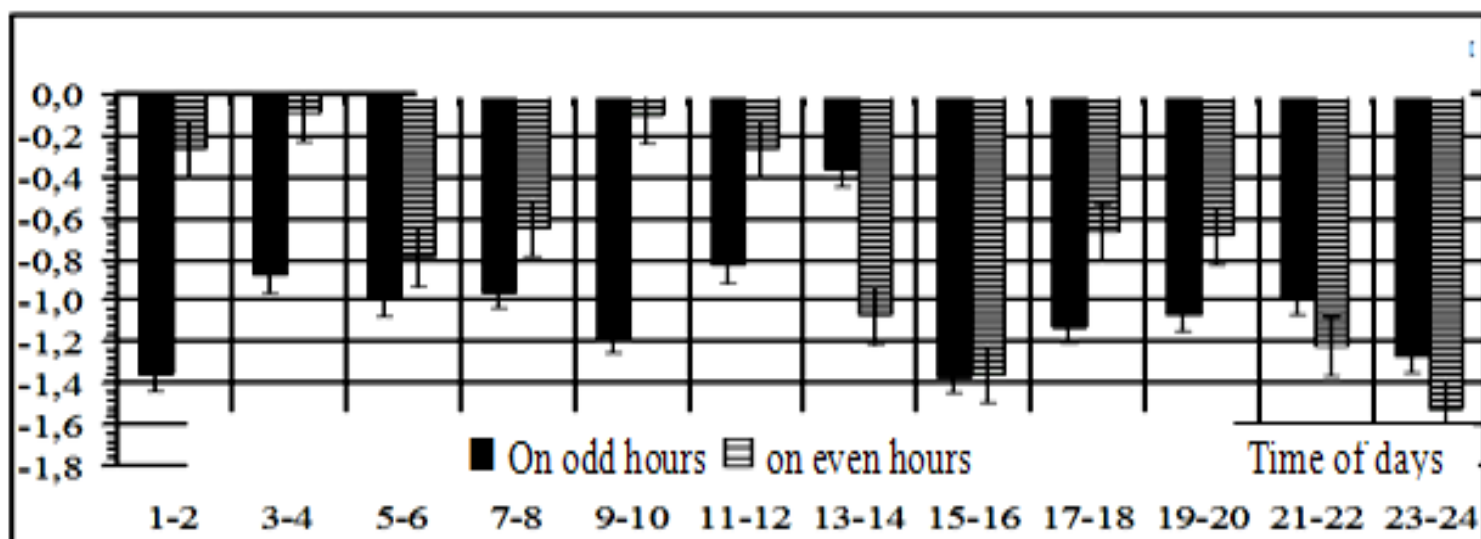


Fig.2j The Daily profile of activity SI in the first quarter of the Moon

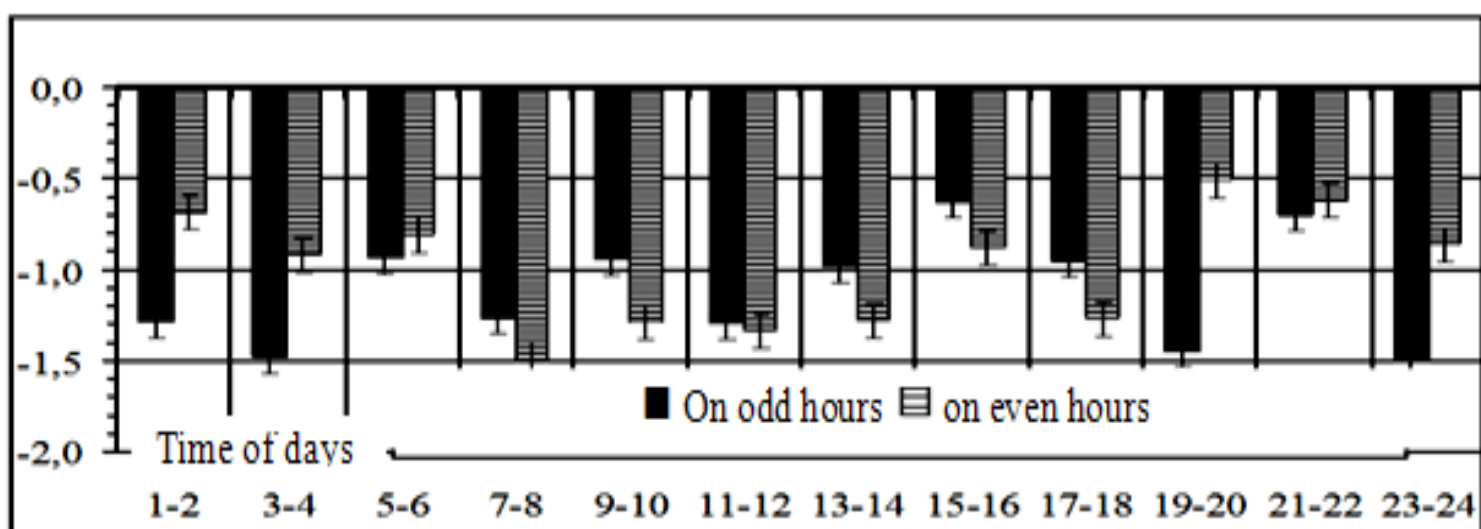


Fig.2k The Daily profile of activity SI under the Full Moon

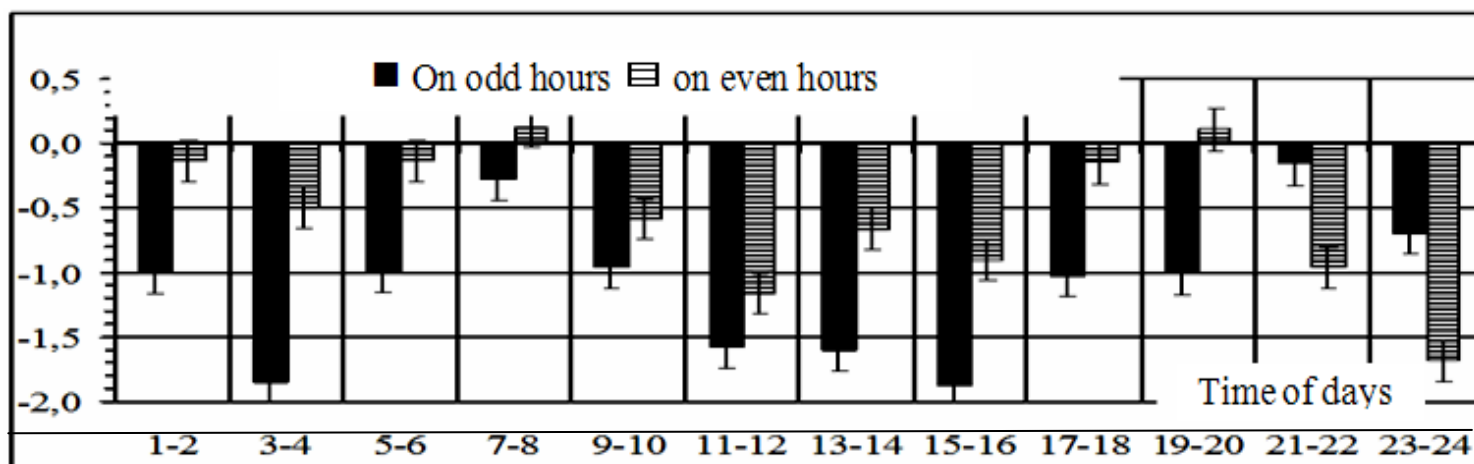


Fig.21 The Daily profile of activity SI in the second quarter of the Moon

VEGETATIVE PROFILES OF SYSTEMS OF THE THIRD COMPLEX (FIG. 3).

Dynamics of daily profiles of functional systems FK-3 (LU-PC-HT) testifies to its relative independence of activity of the Moon. In other words for functional systems of the third complex there should be another (the driver of a rhythm. Attracts attention a zone of prevailing activity of functional systems FK-3: below own zone of norm. Only activity of functional system HT (heart) in a phase of the Full Moon fluctuates round a zone of own norm. Thus activity of systems of the third functional complex also specifically fluctuates on even and odd hours ...

Daily profiles of functional system LU (FK-3) and Moon phases (fig. 3 a-r).

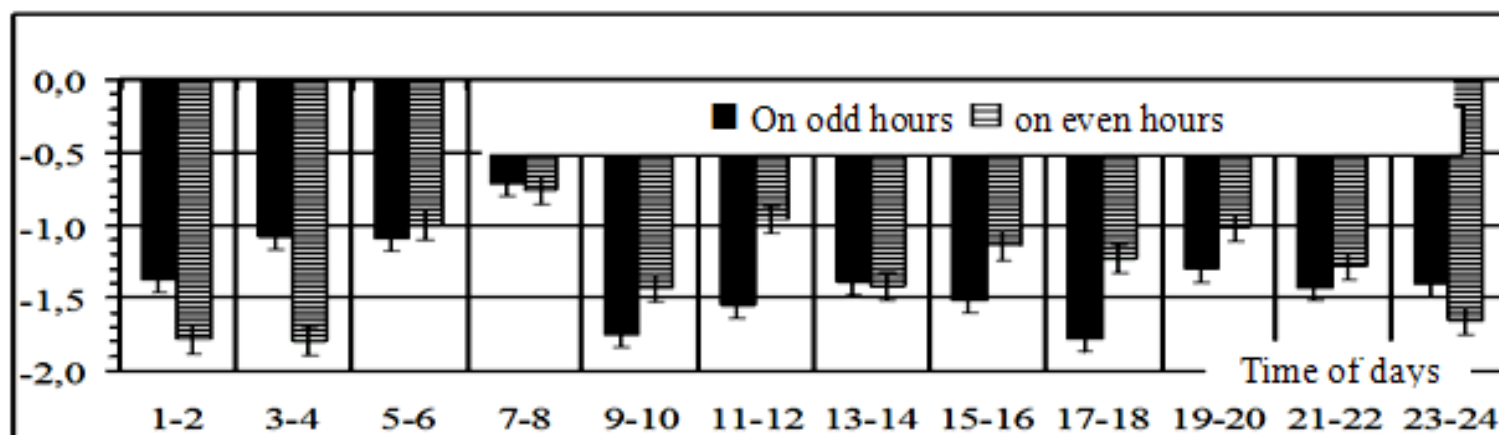


Fig.3a The Daily profile of activity LU under the New Moon

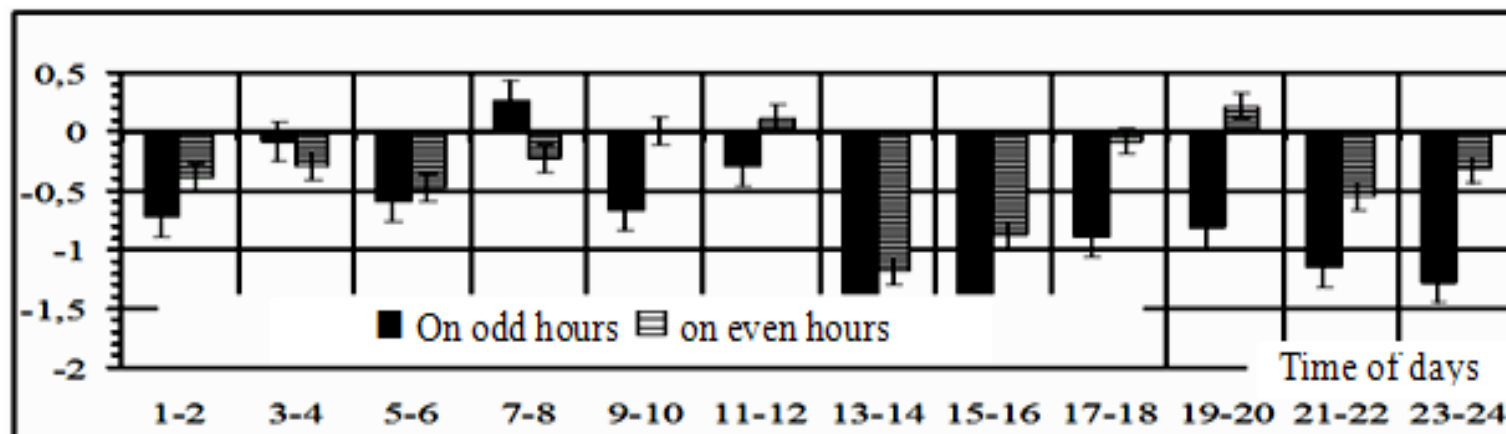


Fig.3b The Daily profile of activity LU in the first quarter of the Moon

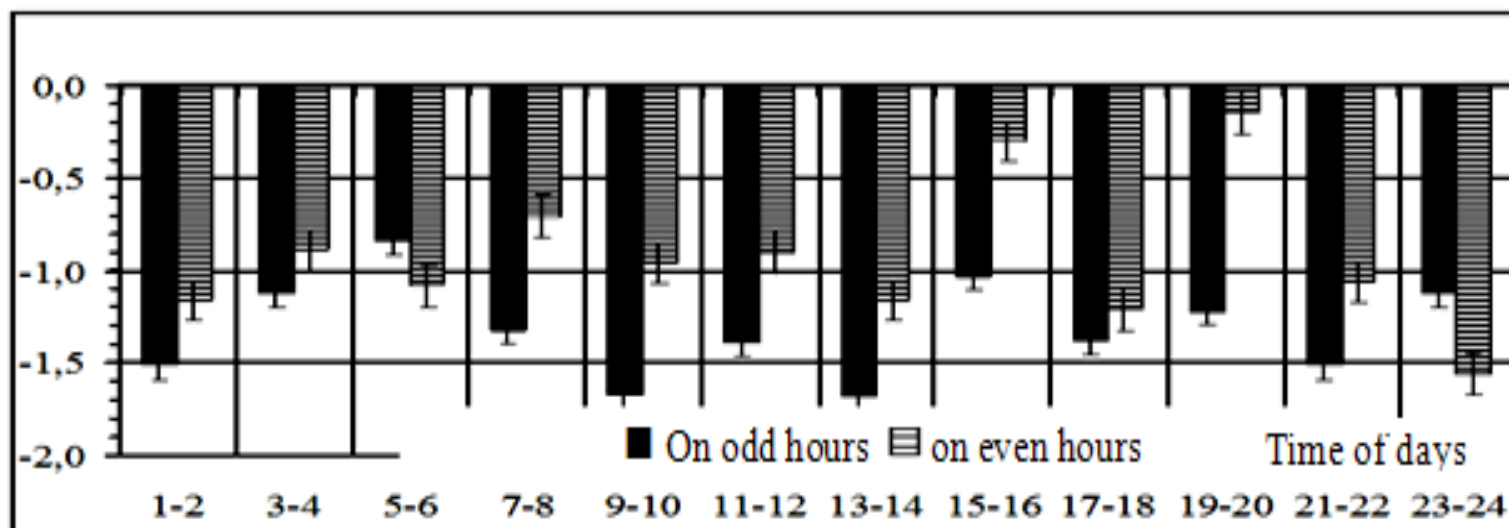


Fig.3c The Daily profile of activity LU under the Full Moon

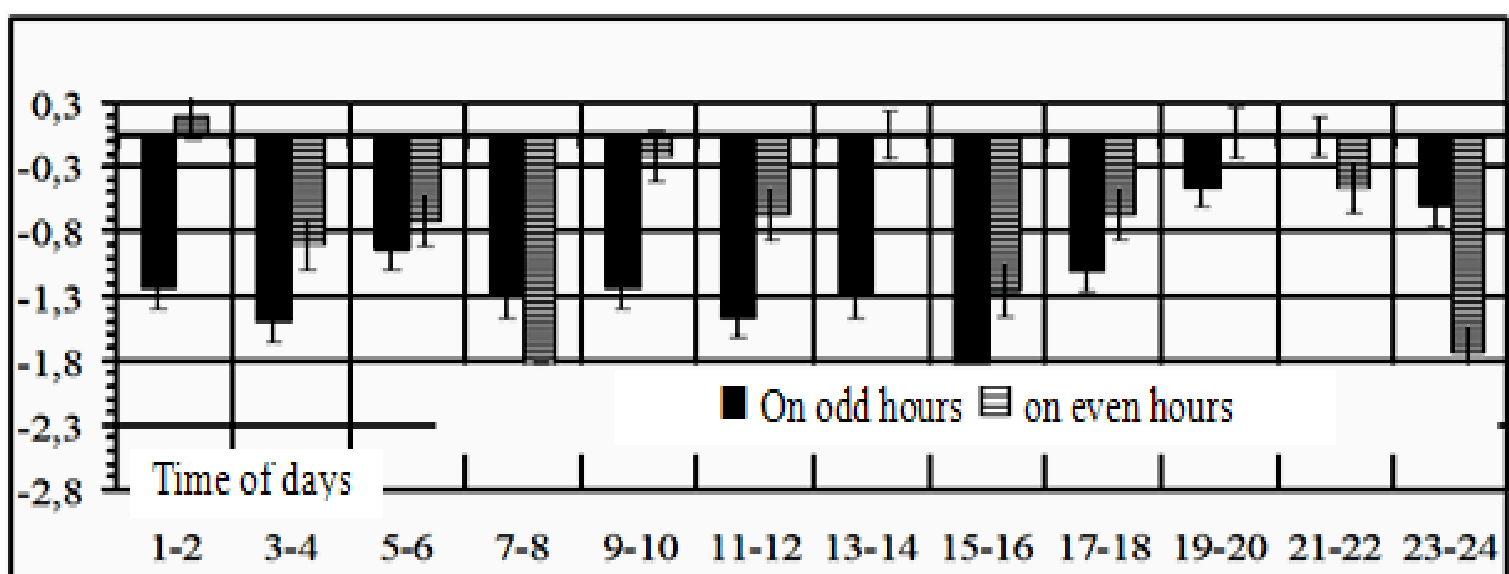


Fig.3d The Daily profile of activity LU in the second quarter of the Moon

Daily profiles of functional system PS (FK-3) and Moon phases (fig. 3e-h)

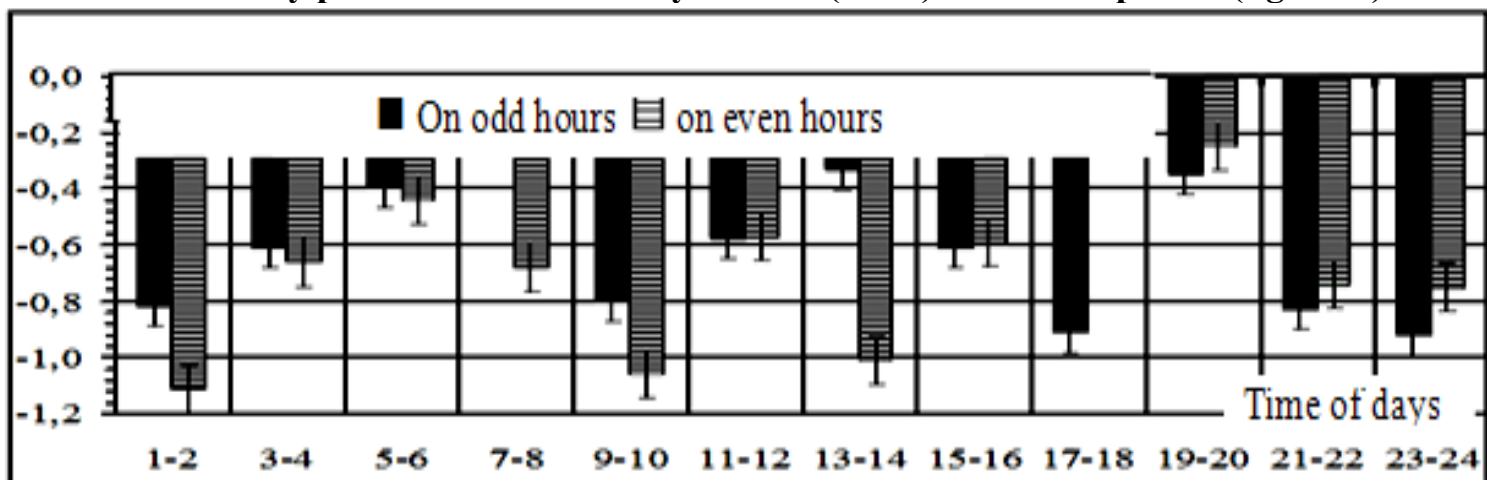


Fig.3e The Daily profile of activity PC under the New Moon

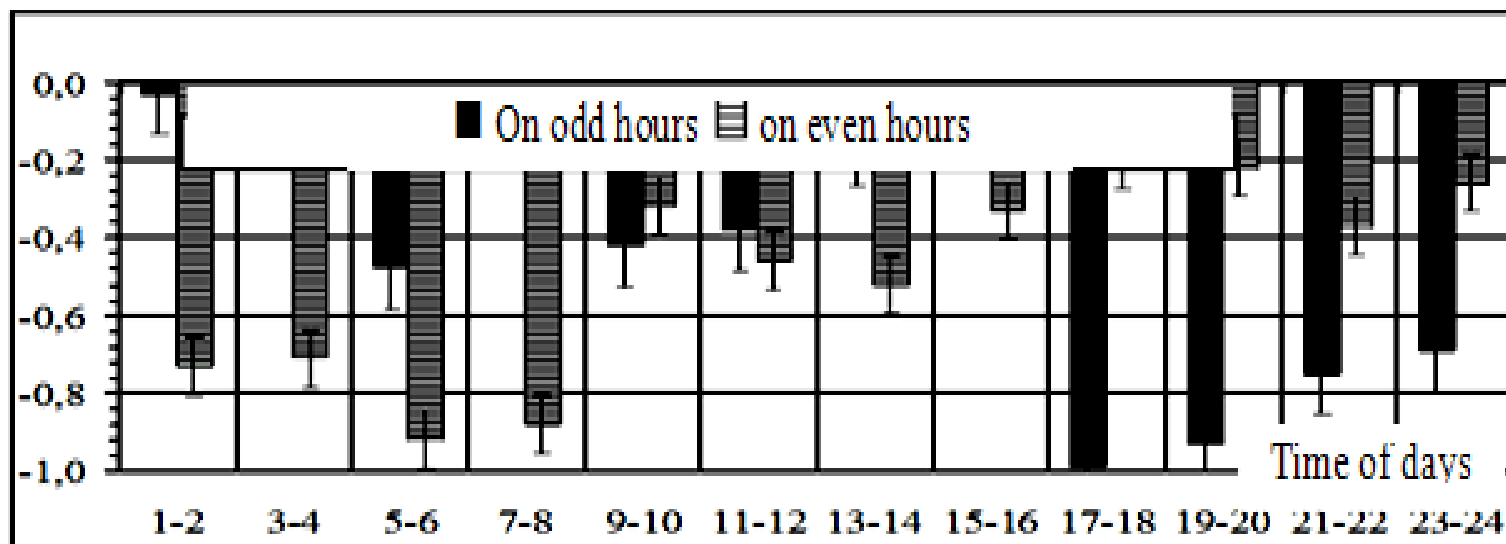


Fig.3f The Daily profile of activity PC in the first quarter of the Moon

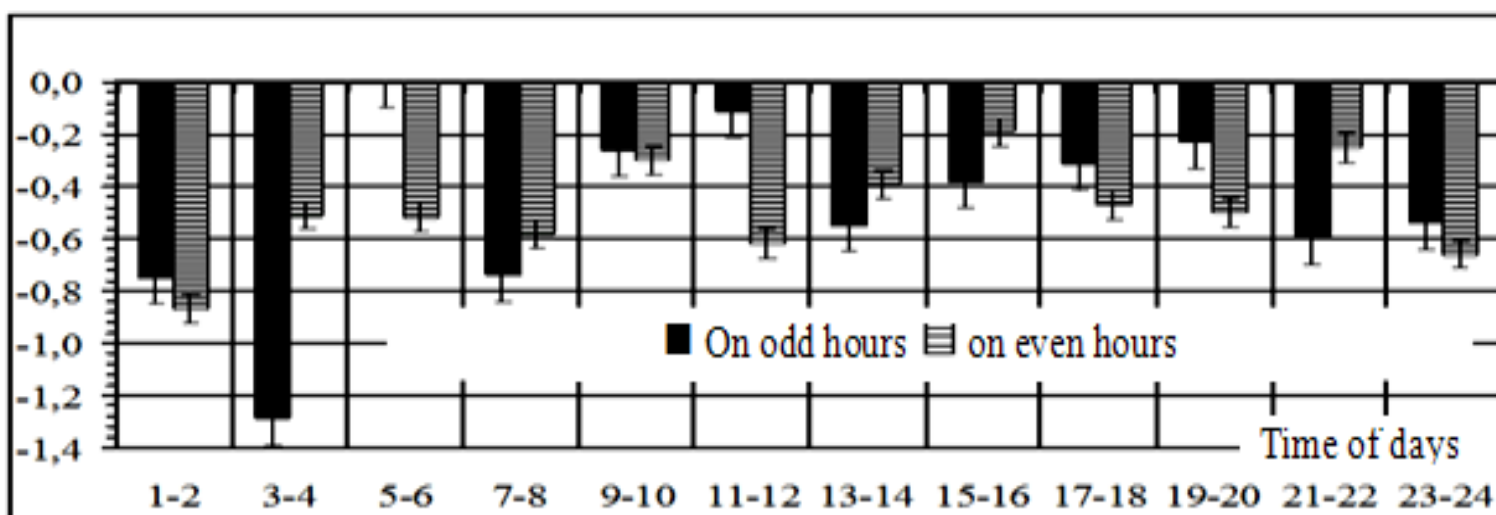


Fig.3g The Daily profile of activity PC under the Full Moon

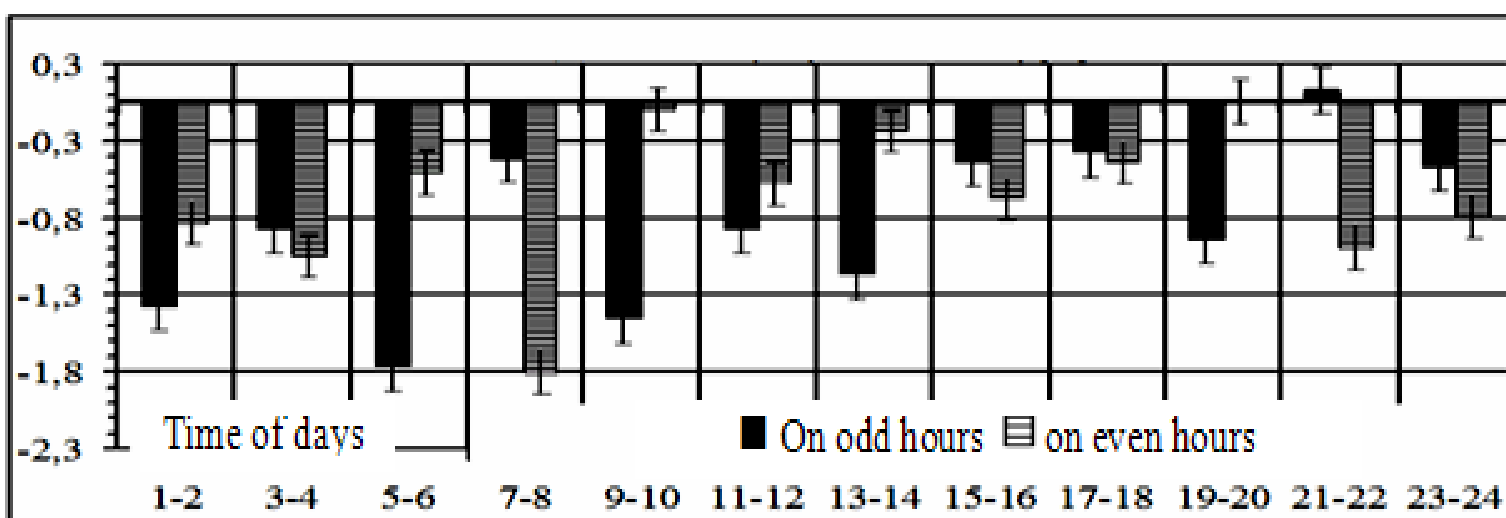


Fig.3h The Daily profile of activity PC in the second quarter of the Moon

Daily profiles of functional system HT (FK-3) and Moon phases (fig. 3 i-l)

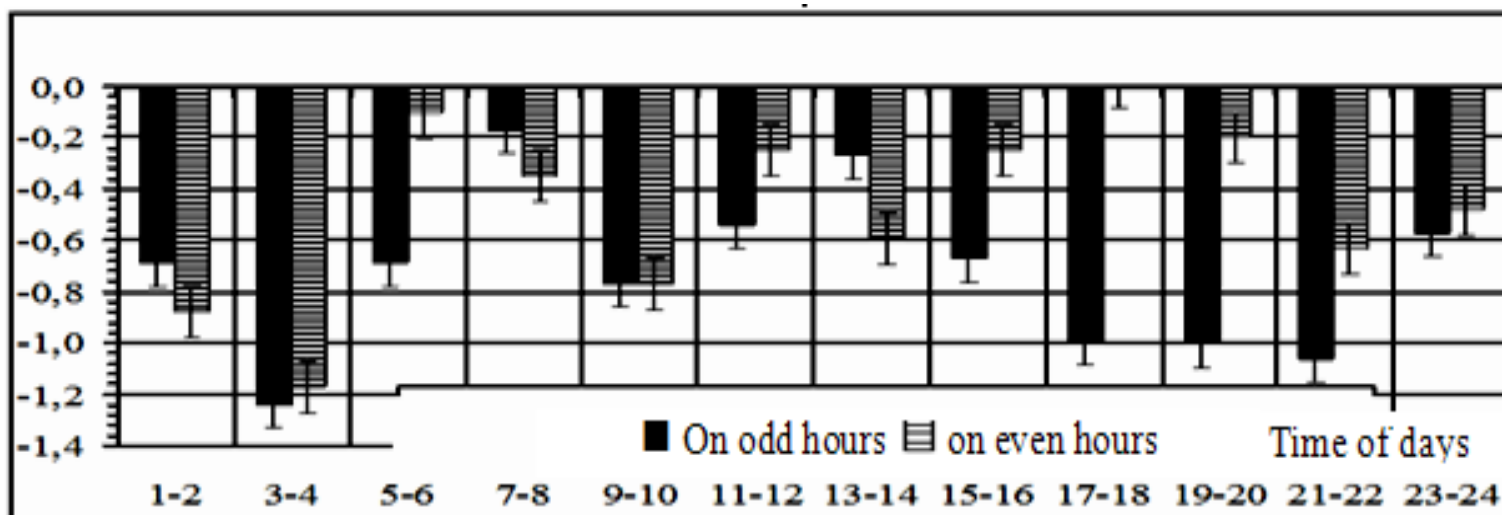


Fig.3i The Daily profile of activity HT under the New Moon

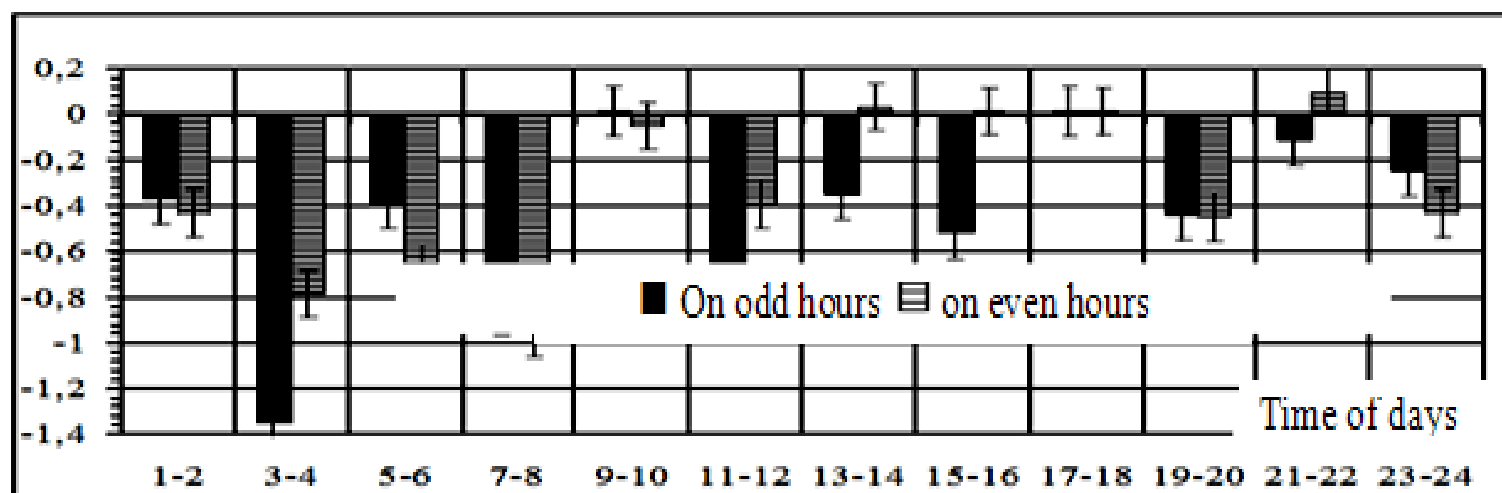


Fig.3j The Daily profile of activity HT in the first quarter of the Moon

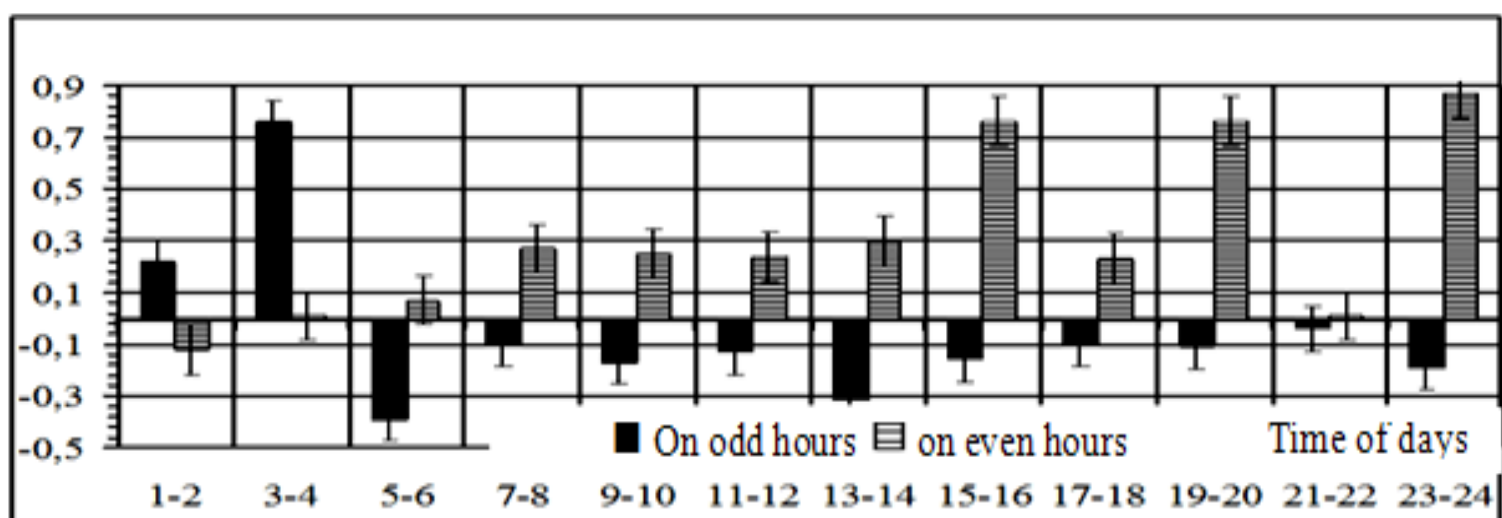


Fig.3k The Daily profile of activity HT under the Full Moon

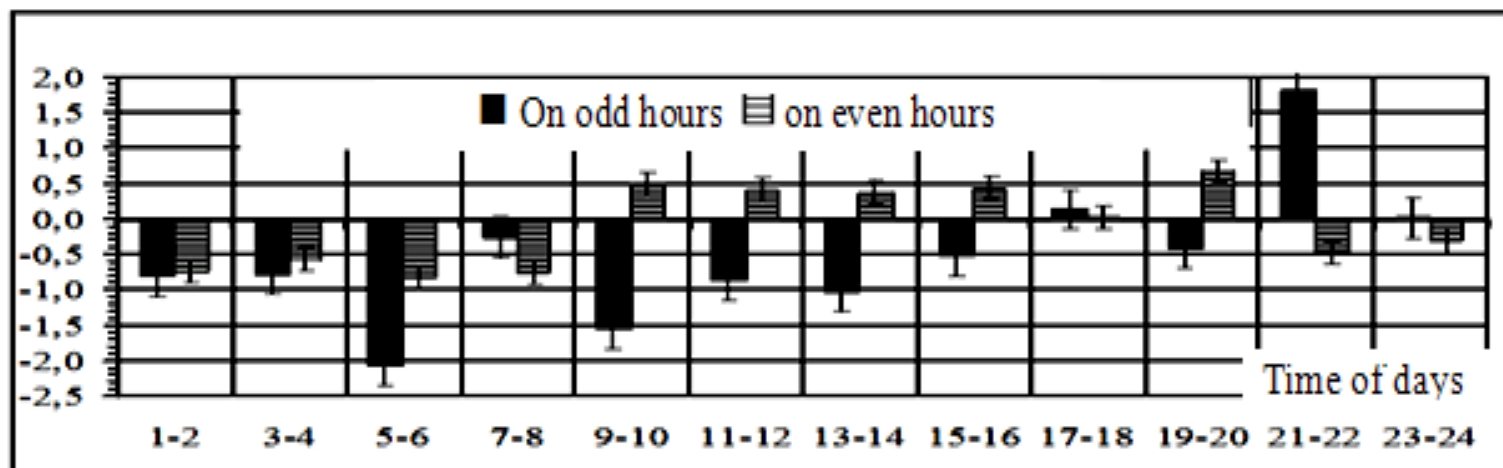


Fig.31 The Daily profile of activity HT in the second quarter of the Moon

VEGETATIVE PROFILES OF SYSTEMS OF THE FOURTH COMPLEX (FIG. 4).

Dynamics of daily profiles of functional systems of the fourth complex (ST-KI-GB-LR) testifies to its relative independence of activity of the Moon. Differently for functional systems of the fourth complex there should be other driver of a rhythm ... attracts attention activity of functional systems ST-GB-LR (above a norm zone) and specific dynamics of system KI (kidney) which fluctuates round norm, at all phases of the Moon. It is necessary to notice that in activity of systems FK-4 the found out rhythm also is observed: excitation (oppression) on even (and odd) to hours of days.

Daily profiles of functional system ST (FK-4) and Moon phases (fig. 4 a-d)

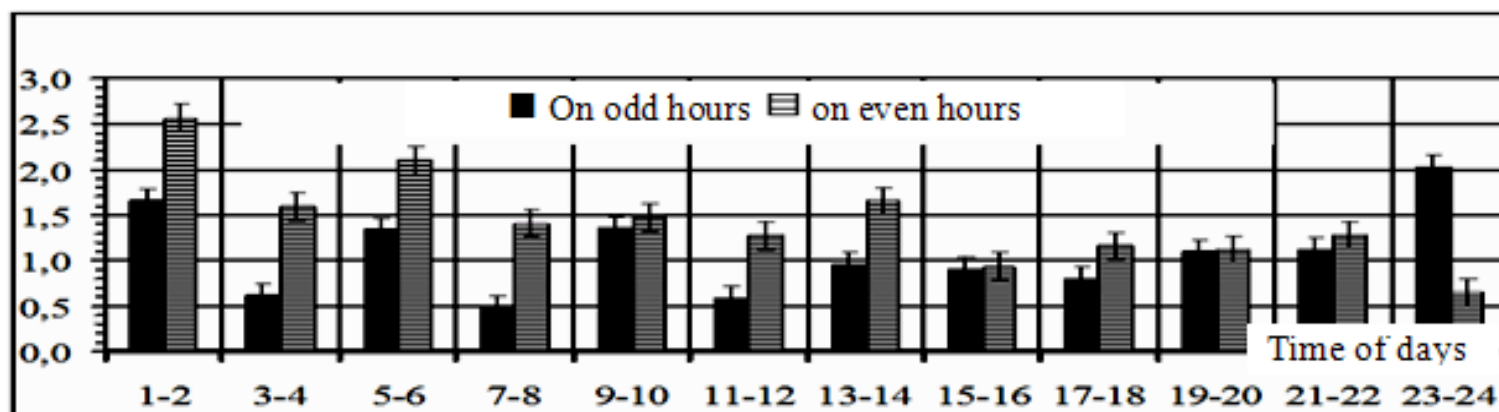


Fig.4a The Daily profile of activity ST under the New Moon

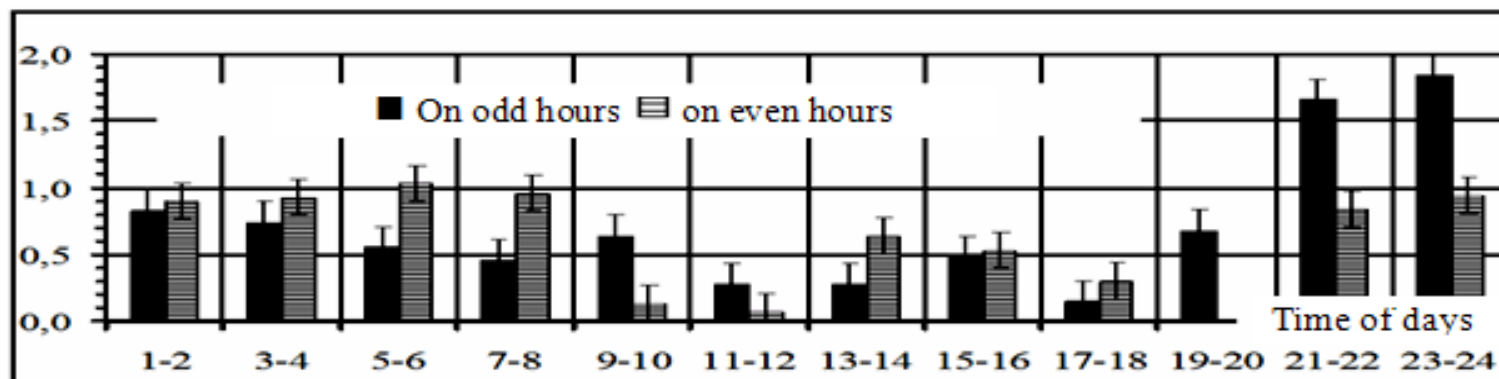


Fig.4b The Daily profile of activity ST in the first quarter of the Moon

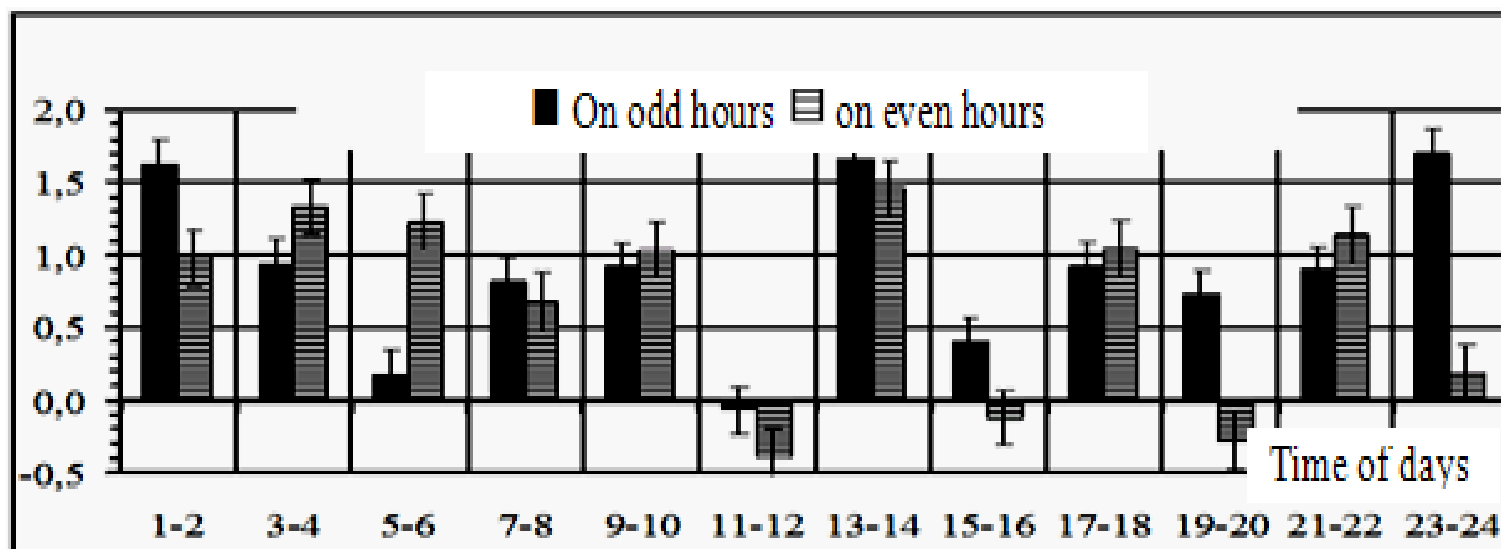


Fig.4c The Daily profile of activity ST under the Full Moon

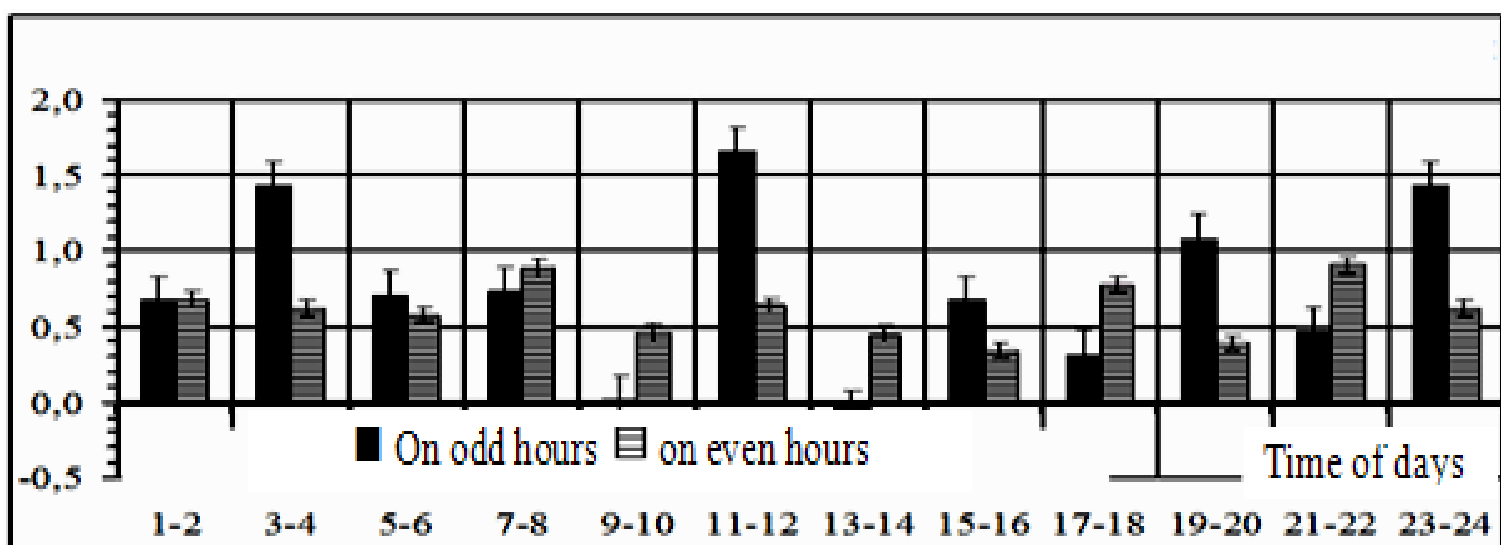


Fig.4d The Daily profile of activity ST in the second quarter of the Moon

Daily profiles of functional system KI (FK-4) and Moon phases (fig. 4 e-h)

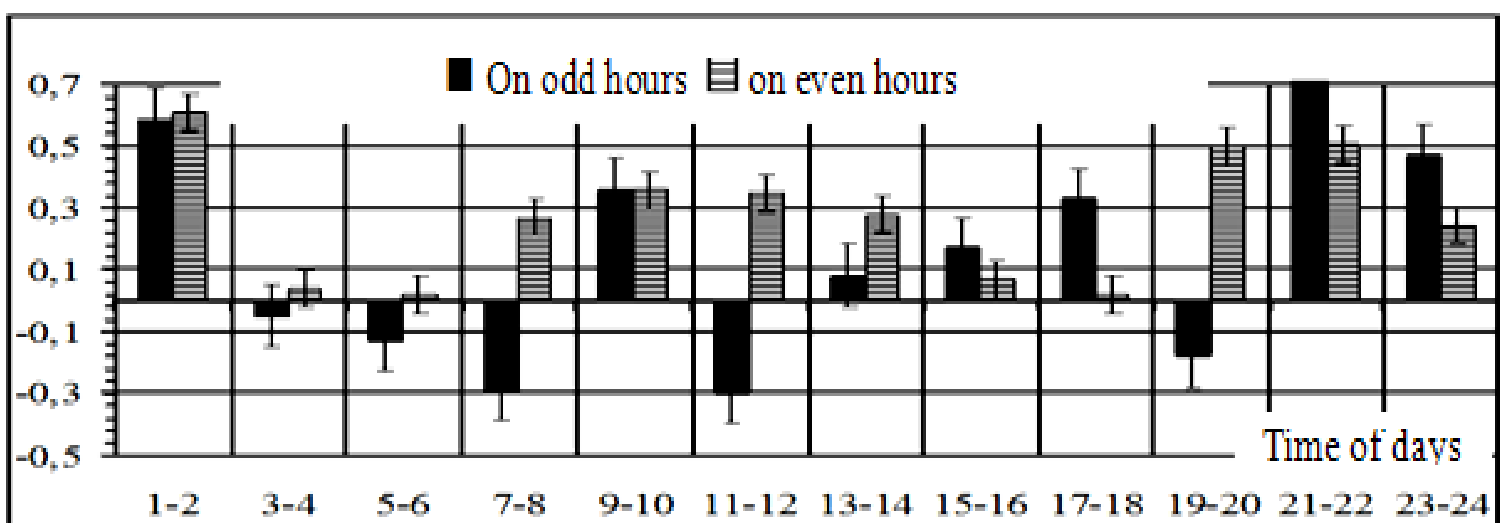


Fig.4e The Daily profile of activity KI under the New Moon

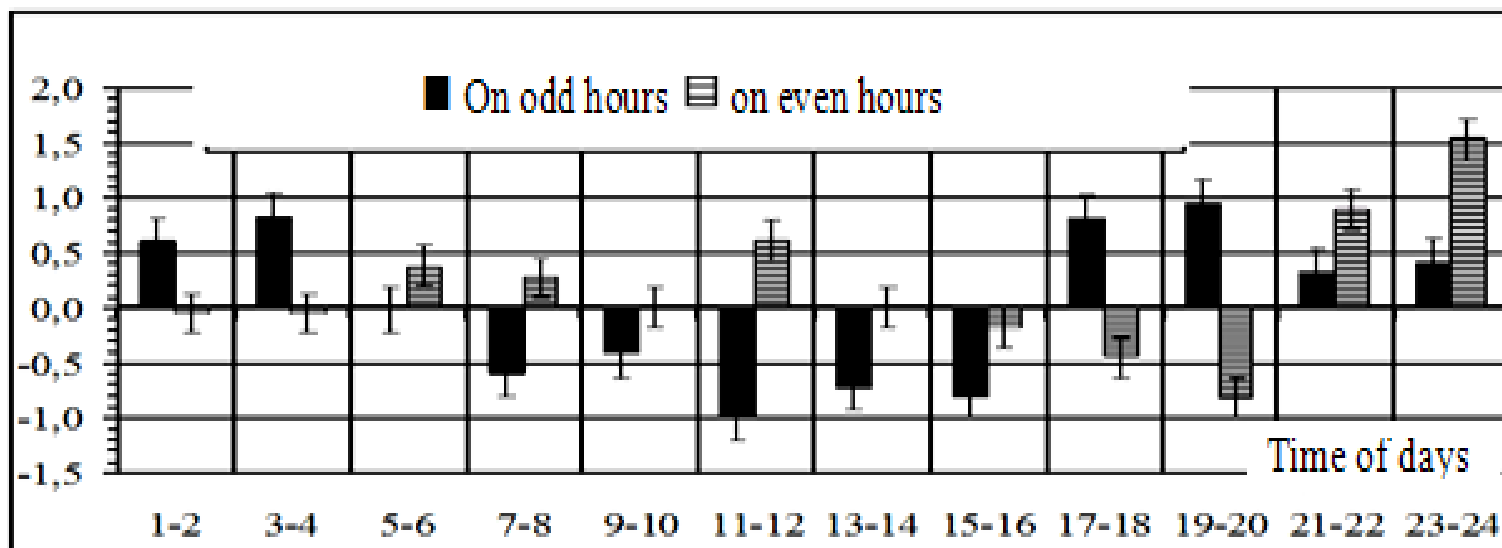


Fig.4j The Daily profile of activity KI in the first quarter of the Moon

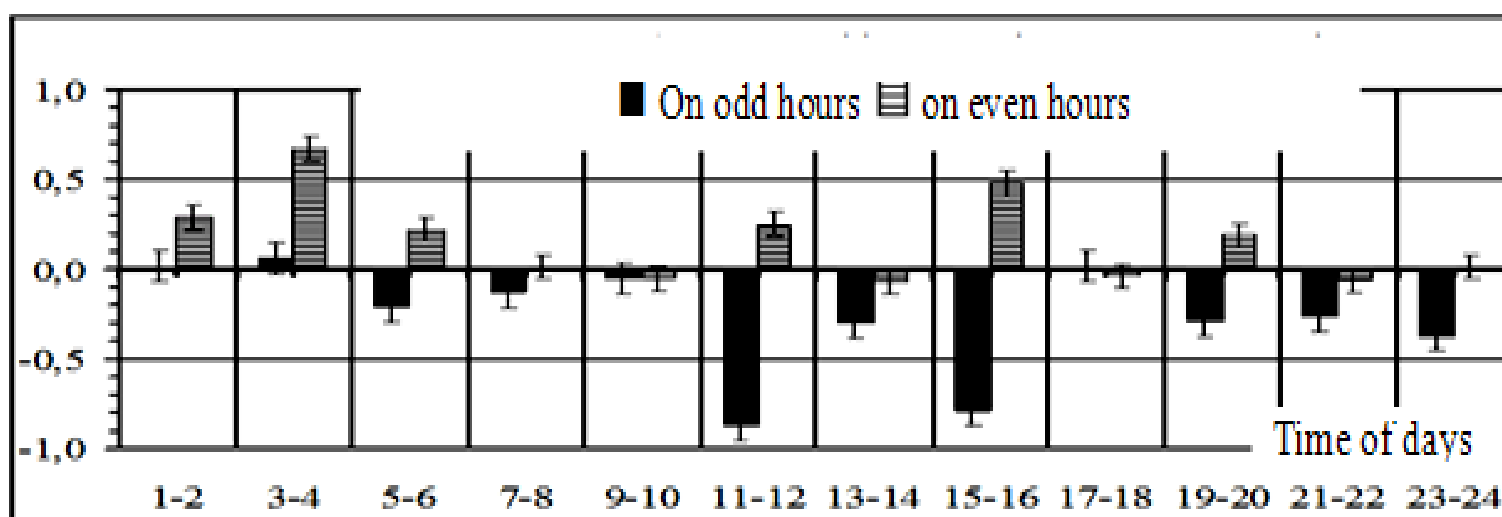


Fig.4g The Daily profile of activity KI under the Full Moon

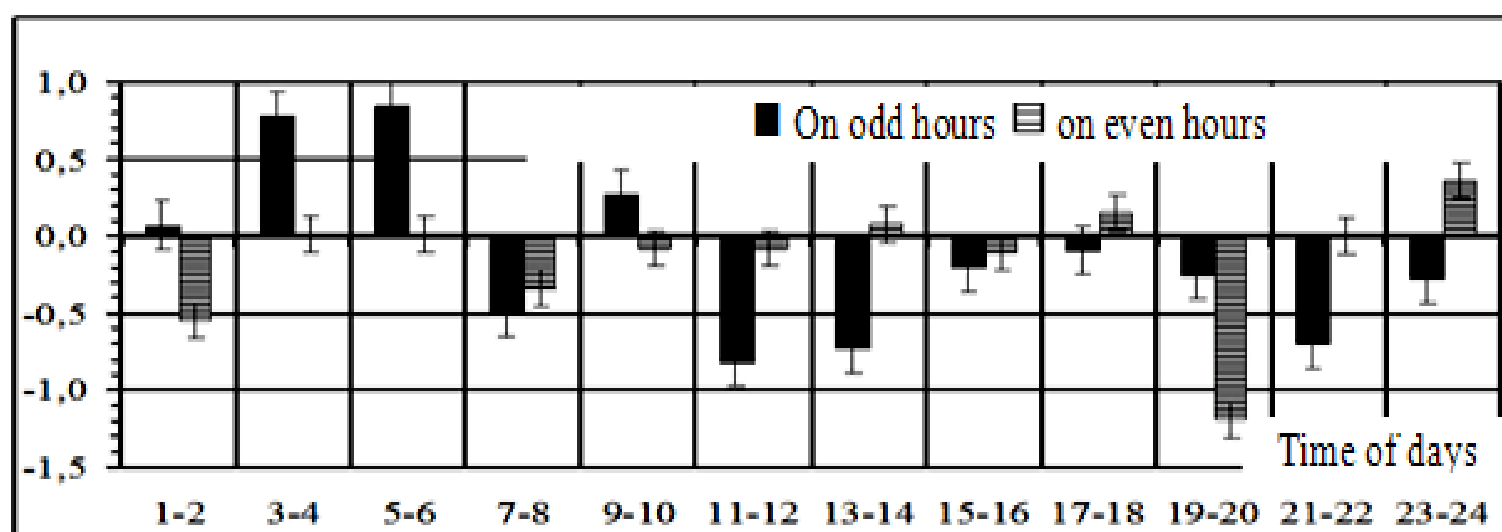
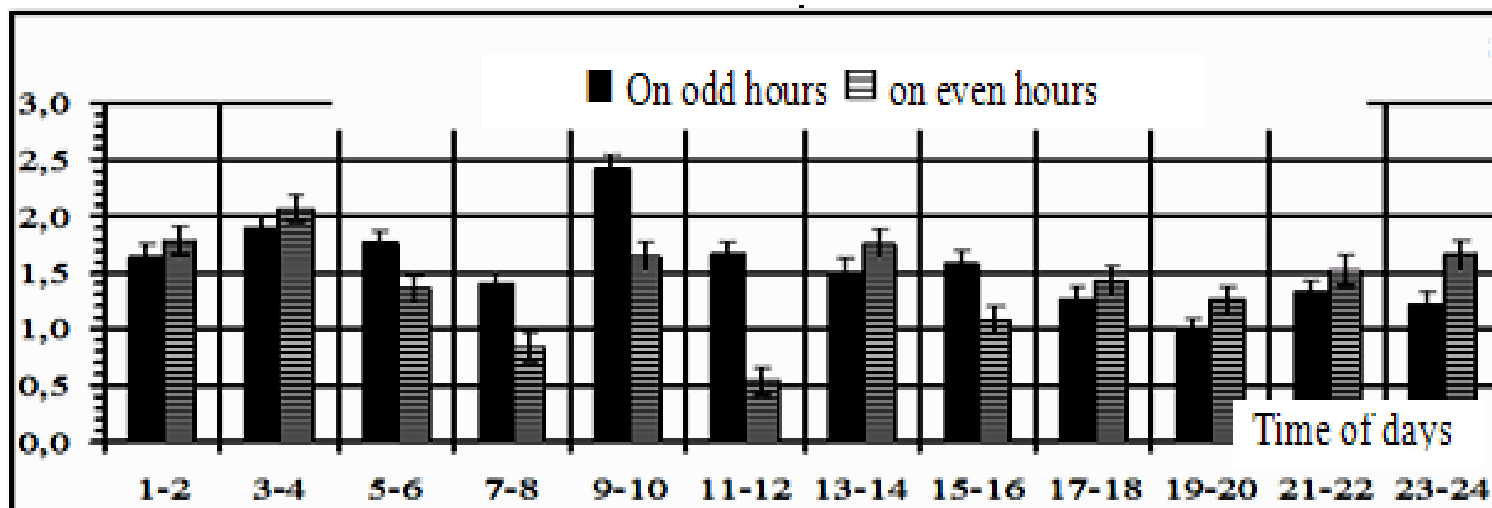
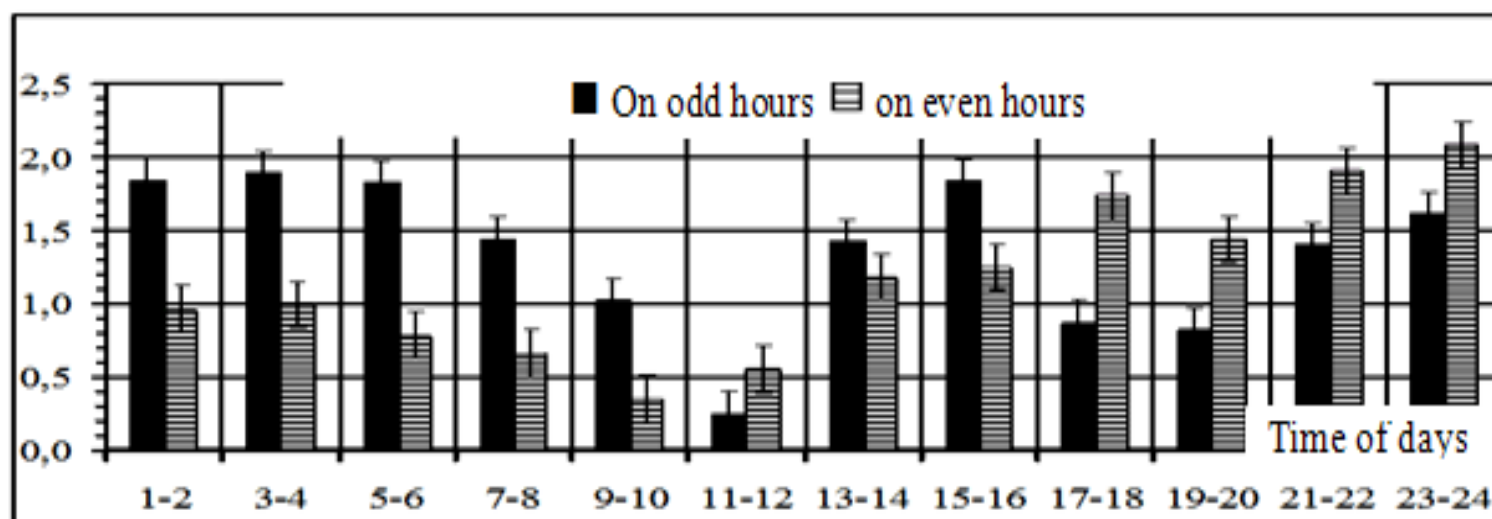
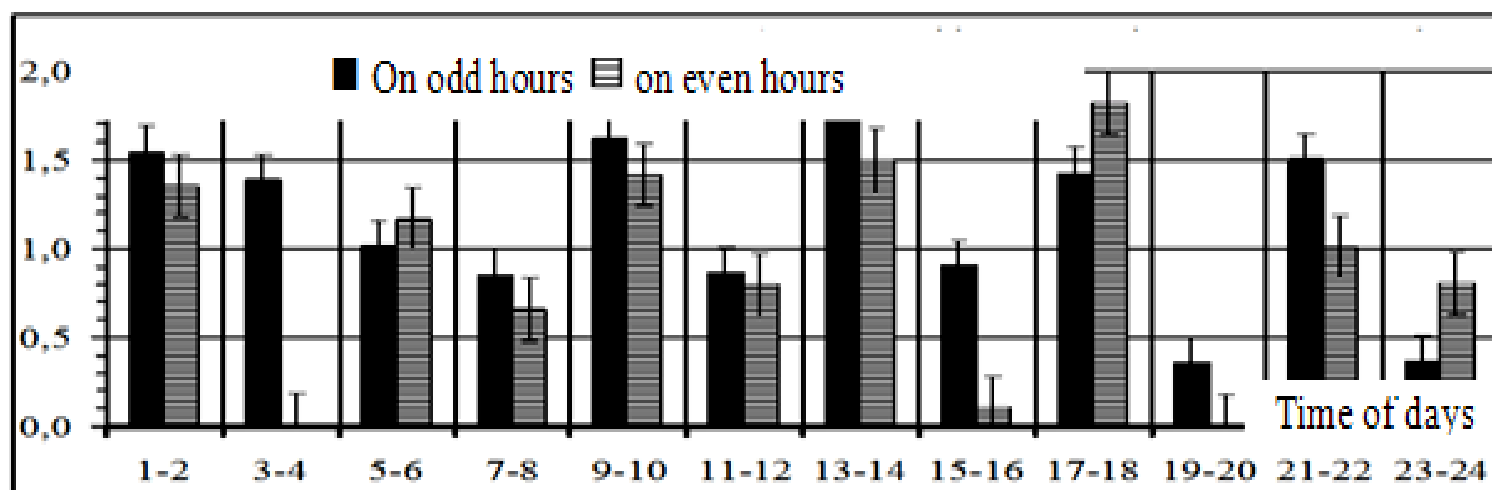


Fig.4h The Daily profile of activity KI in the second quarter of the Moon

Daily profiles of functional system GB (AΦK-4) and Moon phases (fig. 4 i-l)

Fig.4i The Daily profile of activity **GB** under the New MoonFig.4j The Daily profile of activity **GB** in the first quarter of the MoonFig.4k The Daily profile of activity **GB** under the Full Moon

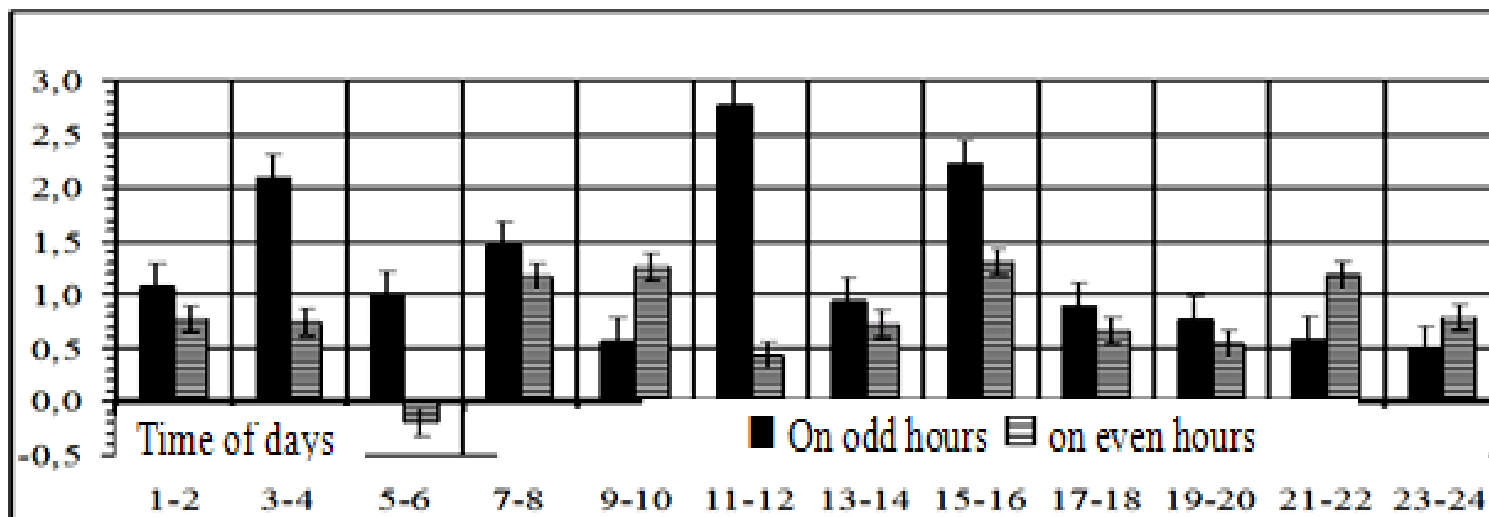


Fig.4l The Daily profile of activity **GB** in the second quarter of the Moon

Daily profiles of functional system LR (FK-4) and Moon phases (fig. 4 m-p)

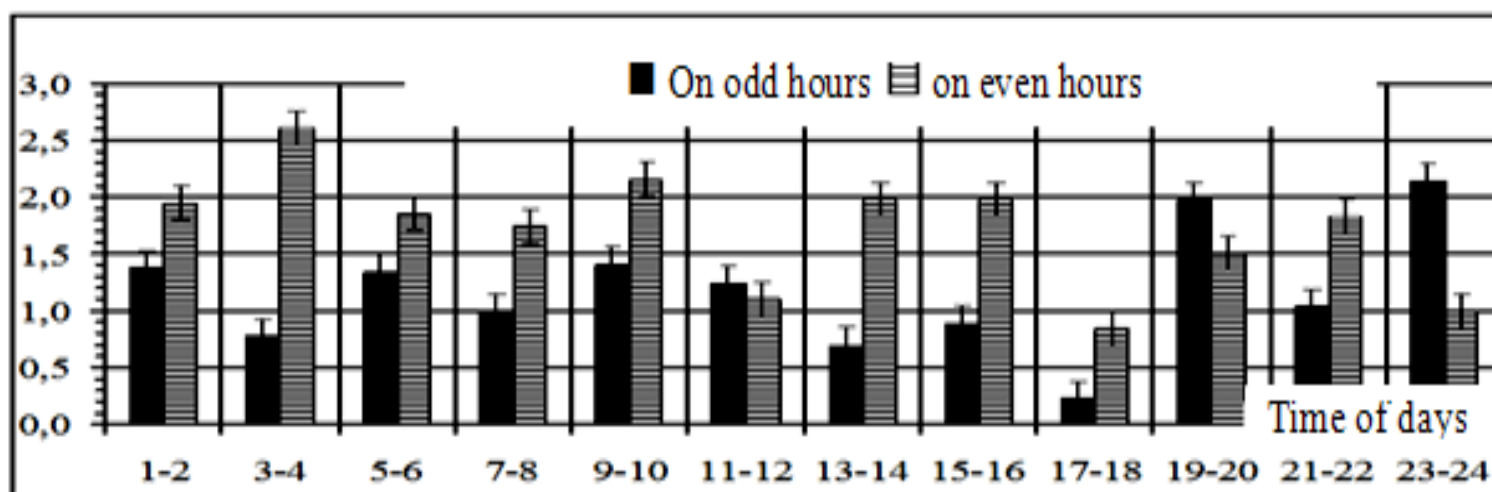


Fig.4m The Daily profile of activity **LR** under the New Moon

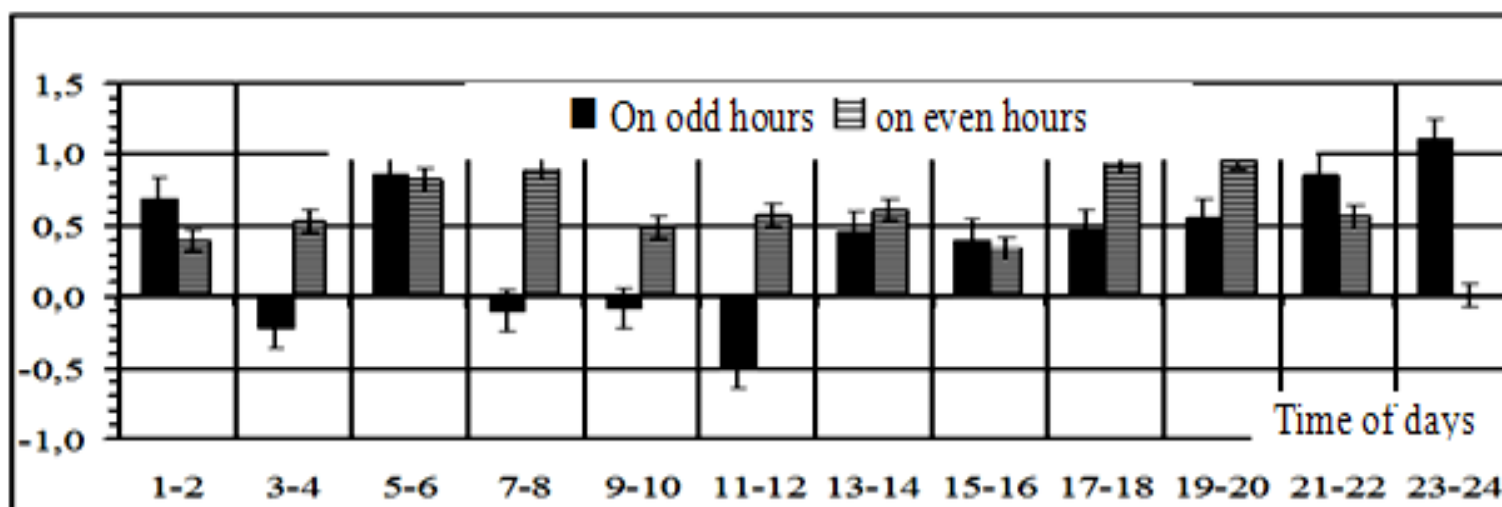


Fig.4n The Daily profile of activity **LR** in the first quarter of the Moon

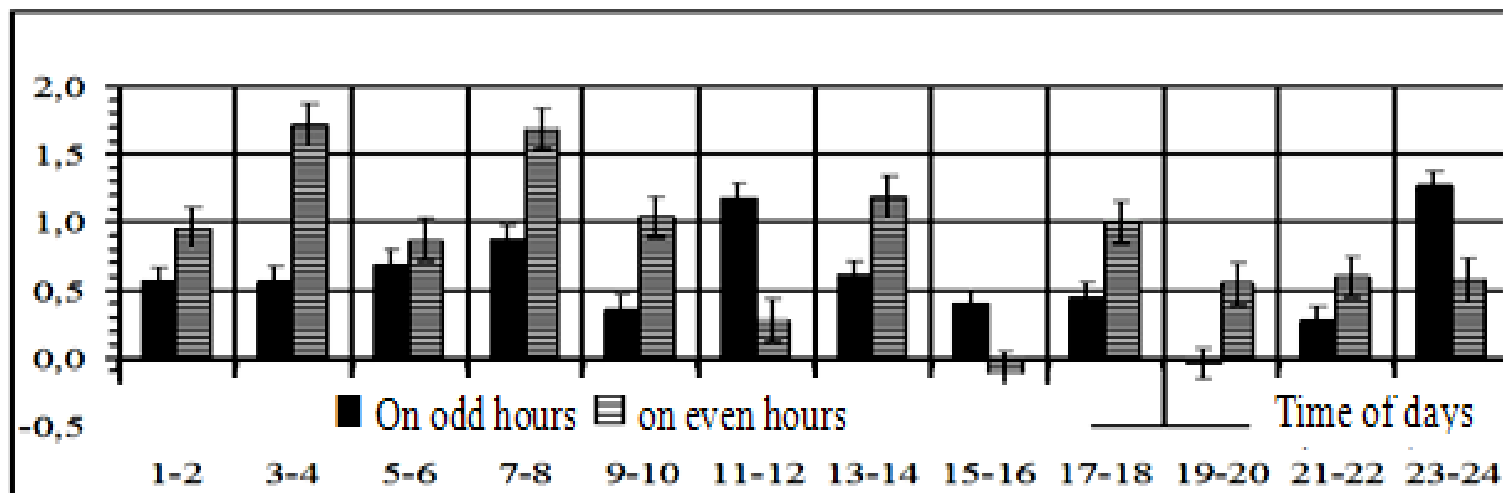


Fig.4o The Daily profile of activity LR under the Full Moon

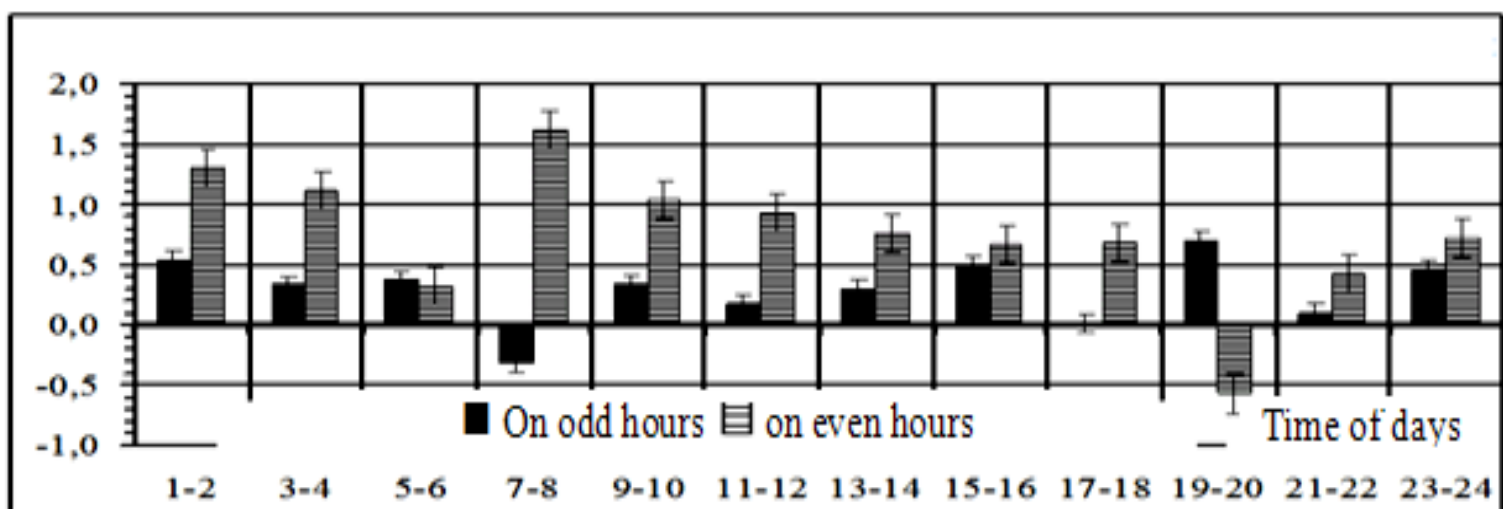


Fig.4p The Daily profile of activity LR in the second quarter of the Moon

Summarizing the above-stated, we will note. The detailed analysis of functional profiles of separate systems has found out specific dependence of functional systems of the first complex (SP-BL) from a phase of Lunar activity. Four waves of its daily phase activity form a basis of terrestrial biological rhythms.

The subsequent analysis has allowed assuming: functional activity of other systems (complexes) should be dependent on activity SP-BL. If it so some mechanisms of dependence of a live Matter from influence unknown while space fields ... become clear at least.

Conclusions.

1) The Analysis of an experimental material specifies in a biophysical reality of traditional position about "two hour activities акупунктурных systems (meridians)".

But also in it the essential error for it is a question of specific alternating activity of each channel on even and odd hours of days contains.

2) From all investigated channels, only functional systems of the first complex (SP-BL) specify in accurate dependence on a phase of Lunar activity (fig. 1 а-и). The last testifies to their role of the base driver of a daily biorhythm and value in mechanisms the mechanism illness development

any etiology.

3) Identification of system dependence testifies to necessity of the further studying of the revealed biophysical phenomenon.

The list of references.

1. Макац В.Г. Биогальванизация в физио- и рефлексотерапии // Винница, 1992. 236с.
2. Нагайчук В.И., Макац В.Г., Повстяной Н.Е. Биогальванизация в комбустиологии // Винница, 1993, 330с.
3. Макац В.Г., Подколзин А.А., Донцов В.И., Гунько П.М. Старение и долголетие. Теория и практика биоактивации // Винница, 1995, 253с.
4. Макац В.Г., Нагайчук В.И., Макац Д.В., Макац Д.В. Основы биоактивационной медицины (открыта функционально-энергетическая система биологических объектов) // Винница. 2001. 315с. ISBN 966-7993-16-7 (на украинском языке)
5. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац Д.В. Энергоинформационная система человека (ошибки и реальность китайской Чжень-цзю терапии). // Винница. 2007. Том 1. 367с. ISBN 966-8300-27-0 966-8300-26-2 (на украинском языке).
6. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац Д.В. Энергоинформационная система человека (биодиагностика и реабилитация вегетативных нарушений). // Винница. 2007. Том 2. 199с. ISBN 966-8300-27-0 966-8300-28-9 (на украинском языке).
7. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац Д.В. Энергоинформационная система человека (вегетативная биодиагностика, основы функционально-экологической экспертизы). // Винница. 2009. Том 3. 175с. ISBN 978-966-2932-80-5 (на украинском языке).
8. Макац В.Г., Макац Д.В., Макац Е.Ф., Макац Д.В. Тайны китайской иглотерапии (ошибки, реальность, проблемы) // Винница. 2009. 450с. ISBN 978-966-2932-80-5 (на русском языке).
9. Макац В.Г., Макац Е.Ф., Макац Д.В., Макац А.Д. Функциональная диагностика и коррекция вегетативных нарушений у детей // Винница.- 2011.- 151 с.- ISBN 978-617-535-010-2.
10. Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 1. Биофизическая идентификация энергоинформационной системы человека. // РФ, Медиздат, Рефлексотерапевт, № 2-3/2011, с.4-18.
11. Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 2. Энергоинформационная система человека как биофизическая реальность. // РФ, Медиздат, Рефлексотерапевт, № 4-5/2011, с.21-36.
- Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 3. Традиционные гипотетические основы вегетативной Чжень-цзю терапии. // РФ, Медиздат, Рефлексотерапевт, № 6/2011, с.4-14.
12. Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 4. Функ-

№ 05/2012 Modern rehabilitation technologies - <http://www.es.rae.ru/pediatrics>

ционально-вегетативная система человека как биофизическая основа гомеостаза. // РФ, Медиздат, Рефлексотерапевт, № 6/2011, с.4-14.

13. Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 5. Биофизическая реальность прогноза вегетативных расстройств. Ошибки традиционной китайской терапии. // РФ, Медиздат, Рефлексотерапевт, № 11/2011, с.3-18.

14. Макац В. Г., Макац Д. В., Макац Е. Ф., Макац Д. В. Энергоинформационная система человека как биофизическая основа вегетативной Чжень-цзю терапии. Лекция 6. Современные проблемы диагностики вегетативного гомеостаза. Принципиальная оригинальность нового функционального направления (часть 1). // РФ, Медиздат, Рефлексотерапевт, № 12/2011, с.3-21.

15. Makats V., Makats D., Makats E., Makats D. Power-informational system of the person (biophysical basics of Chinese Chzhen-tszju Therapy). // Vinnitsa. 2005. Part 1. 212P. ISBN 966-821-3238 (на английском языке).

17. Makac W., Godlewski A., Szlenski W. Zdrowie decydenta // Decydent, Online edition, nr 104, lipiec-2010 http://www.decydent.pl/archiwum/wydanie_120/zdrowie-decydenta_1181.html.