

Smulsky J.J. Evolution of the Earth's Axis and Paleoclimate for 200 Thousand Years. Saarbrucken, Germany: "LAP Lambert Academic Publishing", 2016. 228 p. ISBN 978-3-659-95633-1.

В книге обоснованы результаты новой Астрономической теории изменения климата. При решении проблемы получено, что угол наклона оси Земли колеблется от 14,8° до 32,1°, при современном его значении – 23,4°. За последние 50 тыс. лет имеется 4 экстремума инсоляции 46,4, 31,3, 15,9 и 4,2 тыс. лет назад. Для Западной Сибири они согласуются с Ермаковским и Сартанским ледниковыми периодами и Каргинским межледниковьем между ними, а также с оптимумом Голоцена. Введены 14 инсоляционных периодов на интервале 200 тыс. лет. На основании инсоляции реконструирован палеоклимат Западной Сибири. Рассмотрена теория и эволюция феноменов Солнца. Показана эволюция наклона и палеоклимата за 1 млн. лет и проанализировано изменение инсоляции за 20 млн. лет назад. Разработанные методы представлены в виде программ. Книга представляет интерес для широкого круга специалистов в области механики, астрономии и наук о Земле. Она может использоваться студентами и аспирантами при подготовке курсовых работ и диссертаций.

Эволюция оси Земли и палеоклимат



Иосиф Смутьский



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Смутьский



Abstract

The book proved the results of a new Astronomical theory of climate change. In addressing the issue found that the Earth's axis obliquity varies between 14,8° to 32,1°, at the present value of it is 23,4°. Over the past 50 thousand. There are 4 years extremum insolation 46,4, 31,3, 15,9 and 4,2 thousand years ago. For Western Siberia they are consistent with Ermak and Sartan ice ages and interglacial Karghinskaya between them, as well as the Holocene optimum. Introduced 14 insolyatsionnyh periods in the range of 200 thousand. Years. On the basis of insolation reconstructed paleoclimate Western Siberia. The theory of evolution and the phenomena of the sun. The evolution of the slope and paleoclimate of 1 million. Years and analyzed changes in insolation of 20 mln. Years ago. Developed methods presented in the form of programs. The book is of interest to a wide range of experts in the field of mechanics, astronomy and earth sciences. It can be used by students and graduate students in the preparation of term papers and dissertations.

CONTENTS

INTRODUCTION	4
Chapter 1	
BASIC POSITIONS AND NEW RESULTS OF THE ASTRONOMICAL THEORY OF CLIMATE CHANGE	11
1.1. Introduction	-
1.2. The geometry of the movement of the Sun in the sky	14
1.3. Earth's insolation	17
1.4. The evolution of the orbital motion	21
1.5. Evolution of the Earth's rotational motion ..	26
1.6. Evolution insolation	31
1.7. Validation of the solution of the Earth rotation problem	37
1.8. Conclusion	44
Chapter 2	
ALGORITHM FOR CALCULATING OF THE EARTH'S INSOLATION	45
2.1. Introduction	-
2.2. The main results of the two bodies problem...	47
2.3. The geometrical characteristics of insolation...	50
2.4. The flux of solar heat	52
2.5. The daily insolation	54
2.6. Changing the Sun longitude of the year.....	56
2.7. Change daily insolation by day of the year....	58
2.8. Insolation per year	60
2.9. Insolation per caloric half-year	62
2.10. Insolation in equivalent latitudes.....	64
2.11. Validation of the algorithm	67
2.12. Dynamics of insolation in the contemporary epoch	69
2.13. Conclusion	76
Chapter 3	
CHANGING WESTERN SIBERIA PALEOCLIMATE IN THE LATE PLEISTOCENE	77
3.1. Introduction	78
3.2. The evolution obliquity and insolation at the latitude 65° of the Northern Hemisphere	79
3.3. The change of insolation on latitude.....	81
3.4. The evolution of insolation at other latitudes.....	85
3.5. Insolation and the last glaciations in Western Siberia	88
3.5.1. The most significant recent glaciation -	
3.5.2. Last glacial maximum.....	91
3.5.3. The warm period between glaciations.....	93
3.6. Optimum insolation in the Holocene	94
3.7. Insolation periods of climate change.....	97
3.8. Correlation insolation periods with existing paleoclimatic classifications.....	99
Chapter 4	
RECONSTRUCTION OF PALEOCLIMATE ON CHANGE OF INSOLATION	102
4.1. Introduction	103
4.2. The change of insolation on latitude at different epoch	105
4.3. Changing of insolation in time at different latitudes	107
4.4. Insolation and the last glaciations in Western Siberia	108
4.5. Criteria for the reconstruction of paleoclimate.....	112
4.6. Penultimate Glacial Maximum or Ermakovsk glaciation	113
4.7. Karghinsk interglacial	119
4.8. Last Glacial Maximum	122
4.9. Optimum insolation in Holocene	125
4.10. Conclusion	125
Chapter 5	
EVOLUTION OF THE SUN PHENOMENA	128
5.1. Introduction	-
5.2. The geometrical characteristics of the Sun's motion across the sky	131
5.2.1. Sun Movement for the year	
5.2.2. The daily movement of the Sun	136
5.3. Duration of solar day	137
5.4. Daylight hours.....	141
5.4.1. Daylight hours throughout the year....-	
5.4.2. Polar days and nights: the date of occurrence and duration	145
5.4.3. Daylight hours at solstices.....	148
5.5. Azimuth of Sun	150
5.5.1. Azimuth of the Sun movement during the day	-
5.5.2. Projection of the Sun daily path on the horizon plane	154
5.5.3. Azimuth of sunrise and sunset	156
5.5.4. Extreme azimuths of sunrise and sunset during the solstices	158
5.6. Solar shadow of the gnomon	160
5.6.1. The relative length of the gnomon shadow.....	-
5.6.2. Changing the length of the shadow during the day	161
5.6.3. Measure the length of the gnomon shadow	163
5.6.4. Midday length of the gnomon shadow during the year	165
5.6.5. Extreme length of the solar gnomon shadow during solstices	166
5.7. Basic phenomena of the Sun	167
5.8. Restoring the observer parameters and motion of the Earth according to the ancient Sun's phenomena.....	170
5.9. The use of the results in aerospace researching relief.....	174
5.10. Conclusion	177
Chapter 6	
FURTHER EVOLUTION OF THE EARTH'S AXIS AND PALEOCLIMATE	178
6.1. Introduction	-
6.2. The results of solving the problem of the Earth rotation 1 Myr	180
6.3. The moving orbit plane relative to the moving plane of the equator.....	181

6.4. Changing the insolation of the Earth over the past million years	183	Table A2. Daylight hours at solstices.....	202
6.5. The evolution of insolation of the Earth over the past 20 million years	185	Table A3. Azimuths of sunrise and sunset during the solstices	203
6.6. Conclusion	189	Table A4. The length of the solar gnomon shadow in the afternoons of solstices.....	204
References	190	The program for the calculation of the Sun phenomena	206
Appendixes	201		
Table A1. The duration of the polar day and polar night	-		
of the Sun phenomena	206		

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