

SAIDOV, Kasym Khasenovich; SOLOV'YEV, A.V., otv. red.; BARADZHANOV, P.B., red.;
DOBROVOL'SKIY, O.V., red.; KATASEV, L.A., red.; BAKHAREV, A.M., red.;
VINOGRADSKAYA, S.N., red.isd-va; FROLOV, P.M., tekhn. red.

[Spectrophotometry of beta Lyrae] Spektrofotometriia beta Liry.
Stalinabad, Izd-vo AN Tadsh. SSR, 1957. 93 p. (Akademiia nauk
Tadshikskoi SSR, Stalinabad, Trudy, vol. 66).

(MIRA 12:12)

(Stars, Variable) (Spectrophotometry)

SAIDOV, Kasym Khasanovich; SOLOV'YEV, A.V., otv.red.; BABADZHANOV, P.B.,
red.; DOBN VOL'SKIY, O.V., red.; KATASEV, L.A., red.; ~~BAKHAREV,~~
~~A.M.,~~ red.; VINOGRADSKAYA, S.N., red.isd-va; FROLOV, P.M., tekhn.
red.

[Spectrophotometry of Beta Lyrae]Spektrofotometriia β Lira.
Stalinabad, Isd-vo AN Tadzhikskoi SSR, 1957. 97p. (Stalinabad.
Astronomicheskaya observatoriya. Trudy, vol.66) (MIRA 12:10)
(Spectrophotometry) (Stars, Variable)

BAKHAREV, A.M.

Integral brightness, photometric parameters, and the shape
of the tail of the 1955f comet. Biul.Stal.astron.obser.
no.19:27-31 '57. (MIRA 13:3)
(Comets--1955)

BAKHAREV, A.M.; DOBROVOL'SKIY, O.V.

Trails of meteors observed in Tajikistan. Biul. Stal. astron.
obs. no. 20:18-23 '57. (MIRA 11:8)
(Tajikistan--Meteors)

BAKHA REV. A.I.

Observing the solar eclipse of June 30, 1954, in Tajikistan.
Bibl. VAGO no. 20:19-26 '57. (MLRA 10:8)

1. Stalinabnaskaya astronomicheskaya observatoriya Akademii nauk
Tadzhikskoy SSR.

(Eclipses, Solar--1954)

BAKHAREV, A.M.

Visual observations of meteors at the Stalinabad Observatory
during 25 years. Biul. Stal. astron. obser. no.22/23:51-58 '57.

(MIRA 11:7)

(Meteors)

FREYDZON, A.I.; BAKHAREV, A.M.; MEDVED', A.Ye.

Weather contrasts in the winter of 1956-1957. Priroda 46 no.9:91-94
S. '57. (MIRA 10:8)

1. Leningradskoye byuro pogody (for Freydzon). 2. Stalinabadskaya
astronomicheskaya observatoriya Akademii nauk Tadshikskoy SSR (for
Bakharov, Medved').

(Tajikistan--Climate)

L-1A

BAKHANOV, A.H.

Flare of the comet 1955f and solar activity. Astron. tsir. no.178:3-4
Nr 157. (MLRA 10:9)

1. Stalinabadskaya astronomicheskaya observatoriya Akademii nauk
Tadzhikskoy SSR.

(Comets--1955) (Sunspots)

BAKHAREV, A.N.

Observations of Arend-Roland's comet in Stalinabad. Astron.
tsir. no.180:11 My '57. (MIRA 13:4)
(Comets--1956)

BAKHAREV, A.M.; GUSEV, I.I.

Observations of the total lunar eclipse of May 13, 1957, in Stalinabad.
Astron. tsir. no.181:11-13 Je '57. (MIRA 13:3)

1.Stalinabadskoye otdeleniye Vsesoyusnogo astronomo-geodesicheskogo
obshchestva (VAGO). (Eclipses, Lunar--1957)

TERNO; ZVEREV; VASIL'YEV; PARSHIN; VSEKHSVYATSKIY; TIKHOV; KHAVTASI; BAKHAREV;
LAZAREVSKIY

Mrkos' comet (1957 d). Astron. tsir. no. 184:1-3 S '57.
(MIRA 11:4)

(Comets--1957)

BAKHAREV, A.N.

Position of the axis of morning and evening components of the
zodiacal light as observed during 23 years. *Biul.VAGO* no.23:
61-65 '58. (MIRA 11:11)

1. Stalinabadskoye otdeleniye Vsesoyuznogo astronomo-geodesicheskogo
obshchestva.

(Zodiacal light)

BAKHAREV, A.^A (Stalinabad)

Scientific session of the Academy of Sciences of Tajikistan
dedicated to the 25th anniversary of the Stalinabad Astronomical
Observatory. Astron. tsir. no.194:29-30 Ag '58. (MIRA 12:12)
(Stalinabad--Astronomical observatories)

SOV/35-59-8-6472

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959,
Nr 8, p 54

AUTHOR: Bakharev, A.M. ✓

TITLE: On the Type of the Main Tail of the Comet Arend - Roland, 1956 h.

PERIODICAL: Astron. tsirkulyar, 1958, October 16, Nr 196, p 2 ✓

ABSTRACT: The comet was visually observed in April and May of 1957. Drawings of the tail were made. The coordinates of the core and two points in the comet tail are given. The conclusion is drawn that the main tail of the comet 1956 h belongs to Type I according to Bredikhin's classification.

N.P.K.

Card 1/1

BAKHAREV, A.M.

Spectrum of the meteor of January 3-4, 1957. *Biul.Kom.po konst.*
i meteor. AN SSSR no.4:43-46 '59. (MIRA 13:4)

1. Institut astrofiziki AN Tadshikskoy SSR.
(Meteors--Spectra)

BAKHAROV, A.N.

Observations of Ursids in 1958. Astron. tsir. no.200:21-22
Nr 159. (MIRA 13:2)

1. Institut astrofiziki AN Tadshikskoy SSR.
(Meteors--December)

BAKHAREV, A.M.

Observations of lunar occultation of stars at the Institut of
Astrophysics of the Academy of Sciences of Tajik S.S.R. Astron.
tsir. no.202:21 Je '59. (MIRA 13:4)

1. Institut astrofiziki AN Tadshikakoy SSR.
(Occultations)

BAKHAREV, A.M.

Aleksandr Vasil'evich Solov'ev; obituary. Astron.tsr. no.205:
29-30 0 '59. (MIRA 13:6)
(Solov'ev, Aleksandr Vasil'evich, 1892-1959)

BAKHAROV, A.M.

Integral brightness of Giacobini-Zinner's comet (1959b). Astron.
tsir. no.207:4-5 D '59. (MIRA 13:6)

1. Institut astrofiziki AN Tadshikskoy SSR.
(Comets--1959)

BAKHAREV, A.M.

Observations of lunar occultations of stars at the Institute of
Astrophysics of the Academy of Sciences of the Tajik S.S.R. Astron.
tsir. no.209:39-40 Nr '60. (MIRA 13:9)

1. Institut astrofiziki AN Tadshikskoy SSR.
(Occultations)

S/269/63/000/004/027/030
A001/A101

AUTHOR: Bakharev, A. M.

TITLE: A study of telescopic meteors in VAGO branches during the International Geophysical Year

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 4, 1963, 69, abstract
4.51.546 ("Tsirkulyar Vses. astron.-geod. o-va", 1961, no. 1, 22 -
24)

TEXT: The Dushanbo branch of VAGO worked out in summer 1956 the program and instruction for studying telescopic meteors during the International Geophysical Year. Observations were carried out according to this program in a number of VAGO branches.

[Abstracter's note: Complete translation]

Card 1/1

BAKHAREV, A.M.

Observations of lunar occultations of stars at the Institute of
Astrophysics of the Academy of Sciences of Tajikistan. Astron.
tsir. no.218:24 F '61. (MIRA 14:7)

1. Institut astrofiziki AN Tadzhikskoy SSR.
(Occultations)

BAKHAREV, A.M.

Observation of the partial solar eclipse of February 16, 1961,
in Tajikistan. Astron.tsir. no.219:20-21 Mr '61. (MIRA 14:10)

1. Stalinabadskiye otdeleniye Vsesoyuznogo astronomo-geodesicheskogo
obshchestva.

(Eclipses, Solar--1961)

DUNDEEV, A.S.

Observations of partial lunar eclipse of March 2, 1961, in Dnyahambе.
Astron. tsir no. 220:5-7 Ap '61. (MIRA 14:10)

1. Institut astrofiziki im Tadezhitskoy SSR.
(Eclipses, Lunar--1961)

BAKHAREV, A.M.

Photometric observations of Encke-Backlund's comet (1960 i) in
Stalinabad. Astron.tsir. no.223:3-4 J1 '61. (MIRA 15:3)

1. Institut astrofiziki AN Tadzhikskoy SSR.
(Comets--1960)

ASTAPOVICH, I.S.; BAKULIN, P.I.; BAKHAREV, A.M.; BRONSHTEN, V.A.; BUGOSLAVSKAYA,
N.Ya. [deceased]; VASIL'YEV, O.B.; GRISHIN, N.I.; DAGAYEV, M.M.;
DUBROVSKIY, K.K. [deceased]; ZAKHAROV, G.P.; ZOTKIN, I.T.; KRASER, Ye.N.;
KRINOV, Ye.L.; KULIKOVSKIY, P.G.; KUNITSKIY, R.V.; KUROCHKIN, N.Ye.;
ORLOV, S.V. [deceased]; POPOV, P.I.; PUSHKOV, N.V.;
RYBAKOV, A.I.; RYABOV, Yu.A.; SYTINSKAYA, N.N.; TSESEVICH, V.P.;
SHCHIGOLEV, B.M.; VORONTSOV-VEL'YAMINOV, B.A., red.; POUMAREVA, G.A.,
red.; KRYUCHKOVA, V.N., tekhn. red.

[Astronomical calendar; permanent part] Astronomicheskii kalendar';
postoiannaya chast'. Izd. 5., polnost'iu perer. Otv. red. P.I. Bakulin.
Red. kol. V.A. Bronshten i dr. Moskva, Gos. izd-vo fiziko-matem. lit-ry,
1962. 771 p.

(Astronomy—Yearbooks)

(MIRA 15:4)

3.1230
3.2440

43287
S/831/62/000/008/008/016
E032/E514

AUTHORS:

Dabadzhanov, P.B., Bakhtarev, A.M. and Rubtsov, L.N.
Meteor observations at Dushanbe

TITLE:

SOURCE:

Ionosfernyye issledovaniya (meteory). Sbornik statey, no.8. V razdel programmy MGG (ionosfera). Mezhdoved. geofiz. kom. AN SSSR. Moscow, Izd-vo AN SSSR, 1962, 56-63

TEXT:

The Institut astrofiziki Akademiya nauk Tadzhikskoy SSR (Institute of Astrophysics, Academy of Sciences, Tadzhik SSR) has carried out photographic, visual and radar meteor observations in accordance with the IGY programme. The photographic programme involved: 1) the study of the altitude, velocity and brightness of meteors with a view to determining the physical parameters of the upper layers of the atmosphere at 60-120 km above sea level; 2) comparison of these parameters with other data, e.g. rocket data so as to determine their seasonal variation, and 3) study of meteor radiants and orbits. The photography was carried out from two points separated by 13569 m. Each point was equipped with seven НАФА 3с/25 (NAFA 3s/25) ~~ovras~~ with (Урэн-9 (Uran-9) objectives

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Meteor observations at Dushanbe

S/831/62/000/003/003/016
E052/E514

Objective diameter 10 cm, focal length 25 cm, frame size 18 x 24 cm).
The angular range of each point was 60° from zenith, and each set
of cameras was set up on an adjustable base controlled by a clock
mechanism, so that star images remained stationary relative to the
film. A special rotating shutter was used in front of the cameras
at one of the points. All the observations were carried out on
clear moonless nights using 30 min exposures at 10 min intervals.
Between July 1, 1957 and December 31, 1958, 815 exposures were made.
The visual observations of meteors and meteor trails were carried
out with IGY-programme instructions. They were made in parallel
with radar observations in June-September, 1958 but were not very
extensive. In addition, observations of the Geminids were carried
out on December 14-15, 1958 in accordance with the Czechoslovak
programme. Altogether in 1957 and 1958, 127.7 hours were spent in
observations of meteor trails and 96.9 hours were spent in
observing telescopic meteors. The radar observations were made
at 4.11 m (72.98 Mc/sec) at a pulse repetition frequency of 50 cps
(pulse length 10 μsec, power per pulse 50-70 kW. The nine-element
antenna was at 22° above the horizon, facing west. The

Card 2/3

Meteor observations at Dushanbe

S/831/62/000/008/008/016
E032/E514

minimum range was 120 km (shorter ranges were cut out by the presence of mountains). A calendar of the radar observations is reproduced. There are 2 tables. ✓

Card 3/3

BAKHAREV, A.M.

Catalog of telescopic meteors observed at the astronomical
observatory of the Academy of Sciences of the Tajik S.S.R. during
1940-1948. Trudy Inst. astrofiz. AN Tadsh. SSR 9:113-216 '62.
(MIRA 16'5)

(Tajikistan--Meteors)

BAKHAREV, A.M.

Observations of the partial solar eclipse of December 2, 1956,
in Tajikistan. Biul.VAGO no.32:45-47 '62. (MIRA 15:11)

1. Dushanbinskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo
obshchestva.

(Eclipses, Solar--1956)

BAKHAREV, A.M.

Photographic observations of Seki's comet (1961 f) in Dushanbe.
Astron. tsir. no.229:1... 1e '62. (MIRA 16:6)

1. Institut astrofiziki AN Tadzhikskoy SSR.
(Comets—1961)

BAKHAREV, A.M.

Photometric observations of the brightness of Seki-Lines' comet
(1962c) in Dushanbe. Astron. tsir. no. 231:4-5 N '62. (MIRA 16'4)

1. Institut astrofiziki AN Tadzhikskoy SSR.
(Comets--1962)

BAKHAREV, A.M.

Penumbra lunar eclipse of August 15, 1962. Astron. tsir. no. 231:15-16
N '62. (MIR 16:4)

1. Institut astrofiziki AN Tadshikskoy SSR.
(Eclipses, Lunar—1962)

ACCESSION NR: AT4016602

S/2556/63/000/034/0042/0044

AUTHOR: Bakharev, A. M.; Ibragimov, I.; Shodiyev, U.

TITLE: The mass of meteor matter falling to earth in a year

SOURCE: Vsesoyuznoye astronomo-geodezicheskoye obshchestvo. Byulleten', no. 34, 1963, 42-44

TOPIC TAGS: astronomy, meteor, meteor matter, telescopic meteor, stratosphere, meteor matter sedimentation, telescope

ABSTRACT: A new study has been made of the mass of meteor matter annually entering the earth's atmosphere. Visual observations of meteors made over a period of twenty years at Dushanbe were analyzed. The seven instruments used in these observations are described and observational data tabulated separately for each. The U. Shodiyev formula $\beta = \frac{5^m}{x}$ was used for determining the area of visibility of telescopic meteors from 7^m to 13^m for the various instruments. In this formula β is the apparent area of the field of view in square degrees in which telescopic meteors of a particular stellar magnitude were visible; x is instrument magnification; \bar{v} is mean duration of the flight of telescopic meteors; m is the apparent stellar magnitude of telescopic meteors. The known exponential law $n'(m) = kn(m)$ was used, expressing change in the daily number of telescope meteors of different

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ACCESSION NR: AT4016602

brightness. In this formula $k = \frac{s}{\beta}$. The formula was used to determine the annual number of telescopic meteors for each instrument. Masses for each brightness group were computed from the number of meteors of each stellar magnitude. Total mass for all meteors from -10^m to $+30^m$ was determined to be $14 \cdot 10^3$ - $51 \cdot 10^3$ tons annually. These data are close to former determinations, but considerably less than data from recent rocket investigations, but the authors fail to take into account that rocket data include micrometeorites, considerably smaller than telescopic meteors. Orig. art. has: 2 figures, 2 formulas and 2 tables.

ASSOCIATION: DUSHANBINSKOYE OTDELENIYE VAGO (Dushanbe Division VAGO)

SUBMITTED: 00May62

DATE ACQ: 24Feb64

ENCL: 00

SUB CODE: AS

NO REF SOV: 003

OTHER: 001

Card 2/2

s/0269/64/000/002/0075/0075

ACCESSION NR: AR4021624

SOURCE: RZh. Astronomiya, Abs. 2.51.564

AUTHOR: Bakharev, A. M.

TITLE: Drift of meteor trails over Tadzhikistan (1954-1959)

CITED SOURCE: Byul. In-ta astrofiz. AN TadzhSSR, no. 36, 1963, 43-48

TOPIC TAGS: astronomy, meteor, meteor trail, meteor trail drift, meteor trail diffusion

TRANSLATION: Twenty stable ionised meteor trails were observed during the years 1954-1959; a list accompanies the article. The velocity and direction of drift of the meteor trails were computed by well-known formulas. The processing of data reveals that during the periods 1934-1939, 1948-1952 and 1954-1959 the modal value of the velocity of drift was 100-150 m/sec in the evening and 30-60 m/sec in the second half of the night. Such a constant velocity of drift can be attributed to increased solar activity during the three periods. The direction of

Card 1/2

ACCESSION NR: AR4021624

drift of meteor trails is characterized by an easterly component. For certain trails the rate of diffusion was found to be 6 m/sec. Bibliography of 14 titles. Author's abstract.

DATE ACQ: 09Mar64

SUB CODE: AS

ENCL: 00

Cord 2/2

ACCESSION NR: AR4020748

S/0169/64/000/001/A016/A017

SOURCE: RZh. Geofizika, Abs. 1A81

AUTHOR: Bakharev, A. M.

TITLE: Drift of meteor tracks over Tadzhikistan (1954-1959)

CITED SOURCE: Byul. In-ta astrofiz. AN TadzhSSR, no. 36, 1963, 43-48

TOPIC TAGS: Meteor track drift, meteor ionization track

TRANSLATION: During the period from 1954 to 1959, 20 observations of persistent ionization tracks were made, a list of which is given in the article. The velocity and direction of the drift of meteor tracks were calculated from known formulas. Processing of the data shows that during the periods 1934-1939, 1948-1952, and 1954-1959, the modal value of the drift velocity was 100-150 m/sec in the evening and 30-60 m/sec during the second half of the night. The constant drift velocity is explained by the heightened solar activity during these three periods; the direction of drift of the meteor

tracks is characterized by an eastern component. The diffusion velocity of certain tracks was determined and found to be 6 m/sec. Author's summary

Card 1/1

BANHAREV, A.M.; DERBENEVA, A.D.; SHODIYEV, U.

Meteor shower of δ Aquarides. Bul. Kom. po komet. i metecr.
AN SSSR no.9:39-43 '64. (MIRA 17:10)

L 49231-66 ERI(1)/FLC/ LW

ACC NR: AR6025342

SOURCE CODE: UR/0269/66/000/004/0031/0031

AUTHOR: Bakharev, A. M.

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8

TITLE: Instructions for the observation of zodiacal light and gegenschein

SOURCE: Ref Zh. Astronomiya, Abs. 4.51.247

REF SOURCE: Tsirkulyar Vses. astron. -geod. o-va, no. 10, 1964, 30-46

TOPIC TAGS: zodiacal light, gegenschein, astronomic observation

ABSTRACT: The instructions contain recommendations for the fixation of the cone boundaries of zodiacal light, the position and shape of gegenschein, and for determining their brightness by comparison with certain sections of the Milky Way. The bright stars and their equatorial and ecliptical coordinates are listed in an appendix. [Translation of abstract] [FM]

SUB CODE: 03/ SUBM DATE: none/

Card 1/1 *LC*

37004-66 EWT(1) GW
ACC NR: AT6023567 SOURCE CODE: UR/3219/66/000/001/0147/0151

AUTHOR: Bakharev, A. M. 31
BT1

ORG: none

TITLE: Telescopic investigations of meteors as a method of process investigations in the upper atmosphere and tasks during IQSY

SOURCE: AN SSSR. Mezhdudedomstvennyy geofizicheskiy komitet. Issledovaniye meteorov, no. 1, 1966, 147-151

TOPIC TAGS: telemeteor, meteoric shower, terrestrial atmosphere, telemeteoric parallax, solar telescope, meteor observation, meteor radiant, meteor stream

ABSTRACT: Telemeteors are weak meteors which can be observed only by telescope. The study of these meteors is associated with studies of the physical properties of meteoric showers entering the terrestrial atmosphere. There are showers consisting only of telemeteors, but these showers are connected with streams of big meteors and radiants, whose orbits are known. Telemeteors can be observed and recorded with wide-scope telescopes. The average count for individual telemeteors is two per hour. If meteoric showers are included, the number of meteors during one hour increases. The quantity of meteoric matter entering the Earth's atmosphere during one year was estimated at about 50 thousand tons. This quantity is less than that determined from satellite data. The appearance of meteors at night is variable, with a minimum at

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L 37004-66

ACC NR: AT6023567

midnight. Relative heights from flash H_1 to extinction H_2 were computed from the ratio H_1/H_2 and represented in a table. The ratio attained minimum value soon after midnight. The yearly telemeteor rate shows maxima in June and December during solstices. Telemeteor parallaxes are connected with lunar tides and the curve of these parallaxes is sinusoidal. Orig. art. has: 5 figures and 1 table. [EG]

SUB CODE: 03/ SUBM DATE: none/ ORIG REF: 008/ ATD PRESS: 6135

Card

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PB

BAKHAREV, A.N.

Bakharev, A.N. "The great transformer of nature (I.V. Michuren)," Doshkol. vospitaniye, 1948, No. 12, p. 6-13

80: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

BAKHAREV, A.

23065 Velikiy preobrazovatel' prirody. (I.V. Michurin. Ocherk). Pit. Tambov,
kn. 1, 1949, C. 291-325, C. portr.

SO: LETOPIS' NO. 31, 1949

ГУСЕНКОВ, И. ИЛИ БАКНАКЕВ, А.

"The Works of the Great Transformer of Nature," Review of Soviet Press, 7 June 1950.

BAKHAREV, A.N., kandidat sol'skokhozyaystvennykh nauk, redaktor; RYBINSKIY, N.I., redaktor; LYUBIMOVA, V.V., tekhnicheskiy redaktor

[Michurin, Ivan Vladimirovich, 1855-1935; a catalog of the documentary material in personal collection. no.6856. Material covers the years 1883-1941] Michurin, Ivan Vladimirovich, 1855-1935; opis' dokumental'nykh materialov lichnogo fonda No.6856. Krainie daty dokumental'nykh materialov 1883-1941 gg. Pod red. A.N.Bakhareva. Moskva, 1952. 141 p. (MLRA 10:3)

1. Russia (1923- U.S.S.R.) Glavnoye arkhivnoye upravleniye.
(Bibliography--Michurin, Ivan Vladimirovich, 1855-1935)

BAKHAREV, A. N.

"I. V. Michurin's Teachings on the Acclimatization of Plants," Goskul'tprosvotizdat,
Moscow, 1952

BAKHAREV, A. N.

Genetics - Societies, Etc.

What is I. V. Michurin's Central Genetics Laboratory working on?, Sad 1 og.,
no. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952, Uncl.

BAKHAREV, A. N.

"In the Footsteps of Michurin," Nauka i Zhizn', 19, No.8, 1952

BAKHAREV, A. N.

USDA/Biology, Agriculture - Genetics

Jul 52

"The Most Recent Work Done by Michurinists," A. N. Bakharev

"Trudova" Vol 41, No 7, pp 73-83

Describes development of cold-resistant varieties of apples, grapes, melons, and other vegetables and fruits; directed modification of heredity by the method of "mentor" grafting (vegetative hybridization): interspecies hybridization under control of heredity by creating conditions favorable for development of characteristics of one of the

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parents; selection of cold-resistant varieties of melons by sharply lowering the temp of vernalization (vernalization). Mentions I. M. Zhidromkin's discovery (at the Gen Genetic Lab Imeni I. V. Michurin, where most of the work outlined in the article was carried out) to the effect that plant cells devoid of nuclei can divide and propagate.

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BAKHAROV, A. N.

Nauchno-ateisticheskoe znachenie uchenia I. V. Michurina /Scientific and atheistic
significance of I. V. Michurin's theories/. Moskva, Goskul'tprosvetizdat, [1953?].
36 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 2 May 1 54

BAKHAREV, A.N., kandidat sel'skokhozyaystvennykh nauk, g. Michurinsk

Michurin biology in the fight against idealism and religion.
Nauka i zhizn' 22 no.6:32-36 Jo '55. (MLRA 8:8)
(Biology) (Hybridization)

UCER/ Biology--Botany

Card 1/1

Pub. 86--7/39

Authors

: Bakharev, A. N.

Title

: The realization of Michurin's dream

Periodical

: Priroda 44/1, 49--54, Jan 1955

Abstract

: An account is given of the work of I. B. Michurin, an outstanding Russian and Soviet naturalist who devoted his life to experimentation with plants, using cross-breeding, grafting and other methods known to science for producing new varieties of fruits, vegetables, trees and grains. The claim is made that his wish to place the results of his researches at the disposition of all the people has been fulfilled and is exemplified by the horticultural display, called the Michurin Gardens, at the Moscow Agricultural Exhibition. Four undated Soviet references: one Soviet reference dated 1948. Illustrations.

Institution

:

Submitted

:

BAKHAREV, Andrey Nikolayevich; kandidat sel'skokhozyaystvennykh nauk;
TAIROVA, V.N., redaktor; ZUBRILINA, Z.P. tekhnicheskiy redaktor.

[Main features of I.B. Michurins's theory of selection genetics]
Osnovnye cherty selektsionno-geneticheskoi teorii I.V. Michurina.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 118 p. (MLRA 10:6)
(Michurin, Ivan Vladimirovich, 1855-1935)
(Plant breeding)

KAMSHILOV, N.A.; ANTONOV, M.V.; BAKHAREV, A.H.; BLINOV, L.F.; BORISCOLEBSKIY,
A.D.; GAR, K.A.; GARINA, K.P.; GORSHIN, P.F.; GUTIYEV, G.T.;
DELITSINA, A.V.; DUBROVA, P.F.; YEVTUSHENKO, A.P.; YEGOROV, V.I.;
YEREMENKO, L.L.; YEFINOV, V.A.; ZHILITSKIY, Ya.Z.; ZHUCHKOV, N.G.,
prof.; ZAYETS, V.K.; ISKOL'DSEYAYA, R.B.; KOLESNIKOV, V.A., prof.;
KOLESNIKOV, Ye.V.; KOSTINA, K.F.; KRUGLOVA, V.A.; LEONT'YEVA, M.N.;
LESYUK, Ye.A.; MUKHIN, Ye.N.; NAZARYAN, Ye.A.; NEGRUL', A.M., prof.;
ODITSOV, V.A.; OSTAPENKO, V.I.; PETRUSEVICH, P.S.; PROSTOSERDOV,
N.N., prof.; RUKAVISHNIKOV, B.I.; RYABOV, I.N.; SABUROV, N.V.;
SABUROVA, T.N.; SAVZDARG, V.E.; SEMIN, V.S.; SIMONOVA, M.N.;
SMOLYANINOVA, M.K.; SOBOLEVA, V.P.; TARASENKO, M.T.; FETISOV, G.O.;
CHIZHOV, S.T.; CHUGUNIN, Ya.V., prof.; YAZVITSKIY, M.N.;
ROSSOSHCHANSKAYA, V.A., red.; BALLOD, A.I., tekhn.red.

[Fruitgrower's dictionary and handbook] Slovar'-spravochnik
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(MIRA 11:1)

(Fruit culture--Dictionaries)

BAKHAREV, Andrey Nikolayevich, kand.sel'skokhos.nauk; SAVZDARO, V.E., red.;
ZUBRILINA, Z.P., tekhn.red.; GOR'KOVA, Z.D., tekhn.red.

[Darwin and Michurin] Darwin i Michurin. Moskva, Gos.isd-vo
sel'khoz.lit-ry, 1959. 142 p. (MIRA 13:4)

(Darwin, Charles Robert, 1809-1882)
(Michurin, Ivan Vladimirovich, 1855-1935)

BAKHAREV, A.N., nauchnyy sotr.; DOBRINSKIY, N.Ya., nauchnyy sotr.;
STEPANOV, P.A., nauchnyy sotr.; DUBROVSKIY, I.I., red.;
RACHKOV, P.A., tekhn. red.

[In the orchards and laboratories of Michurinsk] V sadakh i
laboratoriakh Michurinska. Tambov, Tambovskoo knizhnoo izd-
vo, 1961. 158 p. (MIRA 15:9)

1. Tsentral'naya geneticheskaya laboratoriya im. I.V.Michurina
(for Bakharev, Dobrinskiy). 2. Nauchno-issledovatel'skiy in-
stitut sadovodstva im. I.V.Michurina (for Stepanov).
(Michurin, Ivan Vladimirovich, 1855-1935)
(Michurinsk--Fruit culture--Research)

BAKHAREV, A.N.; GORSHKOV, I.S.; DOBRINSKIY, N.Ya.; MIKHALEVA,
T.I., red.

[I.V.Michurin in the recollections of his contemporaries]
I.V.Michurin v vospominaniakh sovremennikov. Tambov,
Tambovskoe knizhnoe izd-vo, 1963. 214 p. (MIRA 17:5)

BAKHAREV, A.P.; YASNOGORODSKIY, I.Z., laureat Stalinskoy premii.

Superiority of the electrolytic method of heating metals. Avt. i
trakt. prom. no.2:31-33 F '56. (MLRA 9:6)

1.Nauchno-issledovatel'skiy institut traktorosel'khozmasb i
Altayskiy traktorny zavod.
(Metals--Heat treatment)

BAKHAREV, A.P.; GOKHENSON, B.S.

Results of testing high-capacity DT-70 caterpillar tractors, Trakt.
i sel'khozmasb. no.1:4-6 Ja '58. (MIRA 11:4)
(Caterpillar tractors)

BAKHAREV, A.P.; BOCHAROV, N.F.; GEL'FOAT, D.B.; DMITRICHENKO, S.S.;
OSHOVOKOV, V.A.

Durability of the frames of general purpose caterpillar tractors.
Trakt. i sel'khoz mash. no.4:4-12 Ap '59. (MIRA 12:5)
(Tractors)

ABBLEVICH, A.A.; ARTEM'YEV, Yu.N.; VLASOV, A.P.; GAL'PERIN, A.S.; YEVSIKOV, A.V.; IVANOV, G.P.; KOROLEV, N.A.; LEVITSKIY, I.S.; LIVSHITS, L.G.; MELKOV, M.P.; NAZAROV, N.I.; NOVIKOV, M.P.; POPOV, V.Ya.; TEPOV, A.G.; BAKHAREV, A.P., inzh., retsenzent; SAVEL'YEV, Ye.Ya., red. izd-va; MODEL', B.I., tekhn. red.; EL'KIND, V.D., tekhn. red.

[Technological aspects of the repair of crawler vehicles] Tekhnologiya remonta gusenichnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry 1960. 466 p. (MIRA 14:7)
(Crawler vehicles--Maintenance and repair)

BAKHAREV, A.F., inzh.; KISLOV, V.G., inzh.; KARPOV, I.N., kand. tekhn. nauk;
YAKUNIN, A.S., inzh.

The new UTM-5 small-size standard fuel pump. Trakt. i sel'khoz mash.
no. 11:5-8 N '64. (MIRA 18:1)

1. Noginskiy zavod toplivnoy apparatury (for Kislov). 2. Tsentral'-
nyy nauchno-issledovatel'skiy i konstruktorskiy institut toplivnoy
apparatury avtotraktornykh i statsionarnykh dvigateley (for Yakunin).

SABLIKOV, M.V., akademik; BUDZKO, I.A., akademik; BAKHAREV, A.P.

The most important tasks of science. Mekh. i elek. sets. sel'khoz.
17 no.1:4-8 '59. (MIRA 12:1)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. Lenina
(for Sablikov, Budzko). 2. Direktor Vsesoyuznogo nauchno-issledovatel'-
skogo instituta mekhanizatsii sel'skogo khozyaystva (for Sablikov).
3. Direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta
elektrifikatsii sel'skogo khozyaystva (for Budzko). 4. Direktor
Gosudarstvennogo soyuznogo nauchno-issledovatel'skogo tekhnologicheskogo
instituta (for Bakharev).

(Research)

AL 11206-66 EPA/EWI(1)/EWI(N)/ENP(1)/EPF(R)-2/LEI(L) #110

ACC NR: AP6002955

SOURCE CODE: UIV0286/65/000/024/0125/0126

INVENTOR: Kiselev, V. G.; Bakharev, A. P.; Belogradskiy, B. M.; Obvintsev, Ye. S.; Dolganov, M. S.; Koshman, E. I.

ORG: none

TITLE: Rotary fuel pump for internal combustion engines. Class 46, No. 177230

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 125-126

TOPIC TAGS: fuel pump, internal combustion engine, engine fuel pump, mechanical power transmission device

ABSTRACT: The proposed rotary fuel pump contains a housing with a cam plate and a rotor with measuring and pressure pistons positioned opposite one another (see

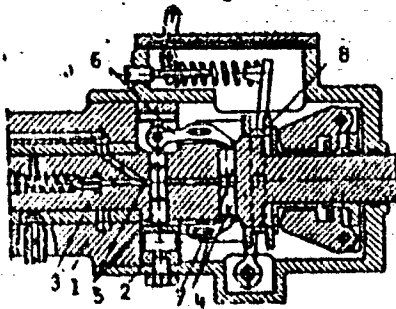


Fig. 1. Rotary fuel pump

- 1 - Housing; 2 - cam plate; 3 - rotor;
- 4 - measuring pistons; 5 - pressure pistons; 6 - double arm lever;
- 7 - axle; 8 - fuel-feed control clutch.

Card 1/2

UDC: 621.43.038.5

L 11206-66

ACC NR: AP6002955

figure). The pressure pistons interact with the cam plate. To simplify construction, the pressure pistons are coupled to the measuring pistons by double-arm levers whose movable axle is coupled to the fuel feed control clutch. Orig. art. has:
1 figure. (TN)

SUB CODE: 21/ SUBM DATE: 05Oct64/ ATD PRESS: 4174

Cord 212

BAKHAREV, A.S.

Contour follower systems. Stan. 1 instr. 28 no.11:11-13 N '57.
(MIRA 10:12)

(Electronic control)

SOKOLOV, D.A.; LUZIN, I.L.; POMOGAYEV, V.A.; BAKHAREV, E.V.

Improved sizing technology. Tekst.prom. 25 no.11:42-44 N '65.
(MIRA 18:12)

1. Nachal'nik laboratoriy Barnaul'skogo nauchno-issledovatel'skogo instituta tekstil'noy promyshlennosti (for Sokolov, Luzin).
2. Nachal'nik tkatskogo proizvodstva Barnaul'skogo melanzhevogo kombinata (for Pomogayev).
3. Vedushchiy konstruktor Barnaul'skogo nauchno-issledovatel'skogo instituta tekstil'noy promyshlennosti (for Bakharev).

BAKHAEV, F.M.; DAVYDOVA, M.I.; ZARUBINA, I.L.; POPOV, A.I.; SKVORTSOV, G.
Ye.; SMIRNOV, V.A.

Microspectrophotometer for both the ultraviolet and the visible
spectrum regions (MIF-5). *Tsitologiya* 6 no.1:114-120 Ja-F '64.
(MIRA 17:9)

1. Leningradskoye ob"yedineniye optiko-mekhanicheskikh predpriyatiy.

BAKHAREV, G. N.

Vosstanovlenie pervichnykh elementov ustroystv svyazi i STSB. [Restoration of primary elements of communication facilities and signaling, centralization and block system]. Moskva, Gos. transp. shel-dor. izd-vo, 1945. 35 p. (Opyt mobilizatsii vnutren nikh resursov).

DLC: Slavic Unclass

SO: SOVIET TRANSPORTATION AND COMMUNICATIONS. A BIBLIOGRAPHY. Library of Congress Reference Department, Washington, 1952, Unclassified.

IZRAILEVICH, L.A.; BAKHAREV, L.A.

Deformation speed of molding sand and operation of the sand
slinger head. Lit.proisv. no.7:11-12 J1'55. (MLRA 8:10)
(Foundry sand)

GILBERT, A. V. ; ~~RUSSIAN~~ ; ~~U.S.S.R.~~

"The Evaporation of an Electrolyte from the Surface of Electrolytic Vats" Tsvet. Met.,
14, No. 1, 1939.

Report U-1506, 4 Oct. 1951

B. A. Bakharev, A. I.

AUTHOR: Bakharev, N.A.

136-12-4/18

TITLE: Ways of Improving the Pyro-refining of Copper
(Puti razvitiya ogneвого rafinirovaniya medi)

PERIODICAL: Tsvetnyye Metally, 1957, ^{Vol. 30} No. 12, pp. 12 - 16 (USSR).

ABSTRACT: The author describes briefly a typical copper refining furnace, and then a re-designed 2-zone form. This provides for easy regulation of the flame length during the process with a wider range of fuel control and type. He mentions some promising operating changes, including better oxidation conditions and apparatus and the casting of anodes into closed instead of open moulds. The author gives a comparative table of a wide range of design and process characteristics for the typical and modified furnaces, the necessary calculations being made by Diomidovskiy's (Ref.2) method. The advantages of the modified form in which the charging and melting of the solid copper is separated from the actual refining and pouring are given. There are 6 figures, 1 table and 5 references, of which 4 are Russian and 1 English.

AVAILABLE: Library of Congress
Card 1/1

BAKHAREV, N.A.; MARTYNOVSKIY, D.M.

In connection with V.P.Romanovskii's article entitled "Coke
combustion in shaft furnaces" and A.A.TSeidler's article
"Direction of research on the improvement of shaft furnace
smelting." TSvet.met. 35 no.12:18-26 D '62. (MIRA 16:2)
(Metallurgical furnaces) (Coke—Combustion)

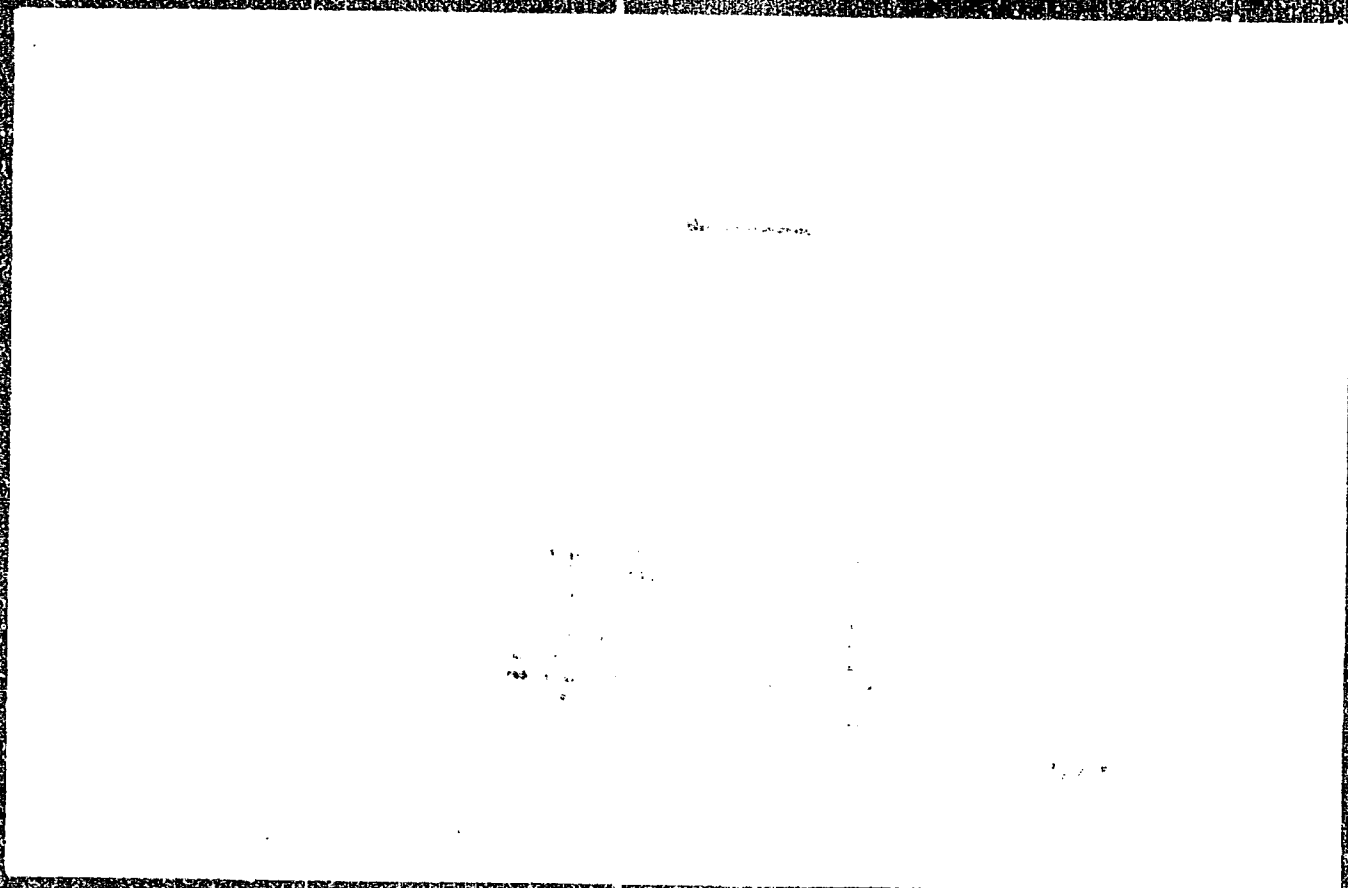
Cand

BAKHAREV, P. M. ~~████~~ Tech Sci -- "Study of the performance of circular-saw
crosscutting machines." Len, 1960 (Min of Higher and Secondary Specialized
Education RSFSR. Len Order of Lenin Forestry Engineering Acad im S. M. Kirov).
(KL, 1-61, 191)

-168-

1. BAKHAREV, S. A.
2. USSR (600)
3. Machine Tools - Electric Driving
4. Electric drive with wide range of speed changes.
Stan.i instr. No. 10 - 1952.

9. Monthly List of Russian Acquisitions, Library of Congress, February, 1953. Unclassified.



BAKHAROV, S.A., inzh. (Leningrad)

Static calculations of d.c. motor drives, Elektrichestvo no.3:34-
37 Mr '60. (MIRA 13:6)

(Electric driving)

RAZYGRAYEV, Arkadiy Mikhaylovich; DVORIN, Zinoviy Abramovich; GOL'TSIKER, David Girshevich; BAKHAREV, Sergey Aleksandrovich; FATEYEV, A.V., doktor tekhn. nauk, retsentsent; VOROSHILOV, M.S., kand. tekhn.nauk, red.; BORODULINA, I.A., red. izd-va; SHCHETININA, L.V., tekhn.red.

[Design and assembly of the electrical equipment of metal-cutting machines] Proektirovanie i montazh elektrooborudovaniia metalloreshuchehikh stankov. Izd. 2., dop. i perer. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 303 p.

(MIRA 14:6)

(Cutting machines—Electric equipment)

1. BAKHAREV, V.
2. USSR (600)
4. Ships - Registers
7. Concerning some of the requirements of the Maritime Register of the U.S.S.R.
Mor. flot 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

BAKHAREV, V.; TROYANOVSKIY, V.

Effective method of ventilating and heating industrial buildings.
Sots.trud.no.9:91-92 8 '56. (MLRA 9:12)

1. Kasanskiy institut okhrany truda Vsesoyuznogo TSentral'nogo
Soveta professional'nykh soyuzov.
(Factories--Heating and ventilation)

BAKHAREV, V.

The role of credit in the development of Kazakhstans economy. Den. 1
kred. 15 no.1:26-28 Ja '57. (MIRA 10:3)
(Kazakhstan--Credit)

SOV/124-59-8-8939

Translation from: Referativnyy zhurnal, Mekhnika, 1959, Nr 8, p 87 (USSR)

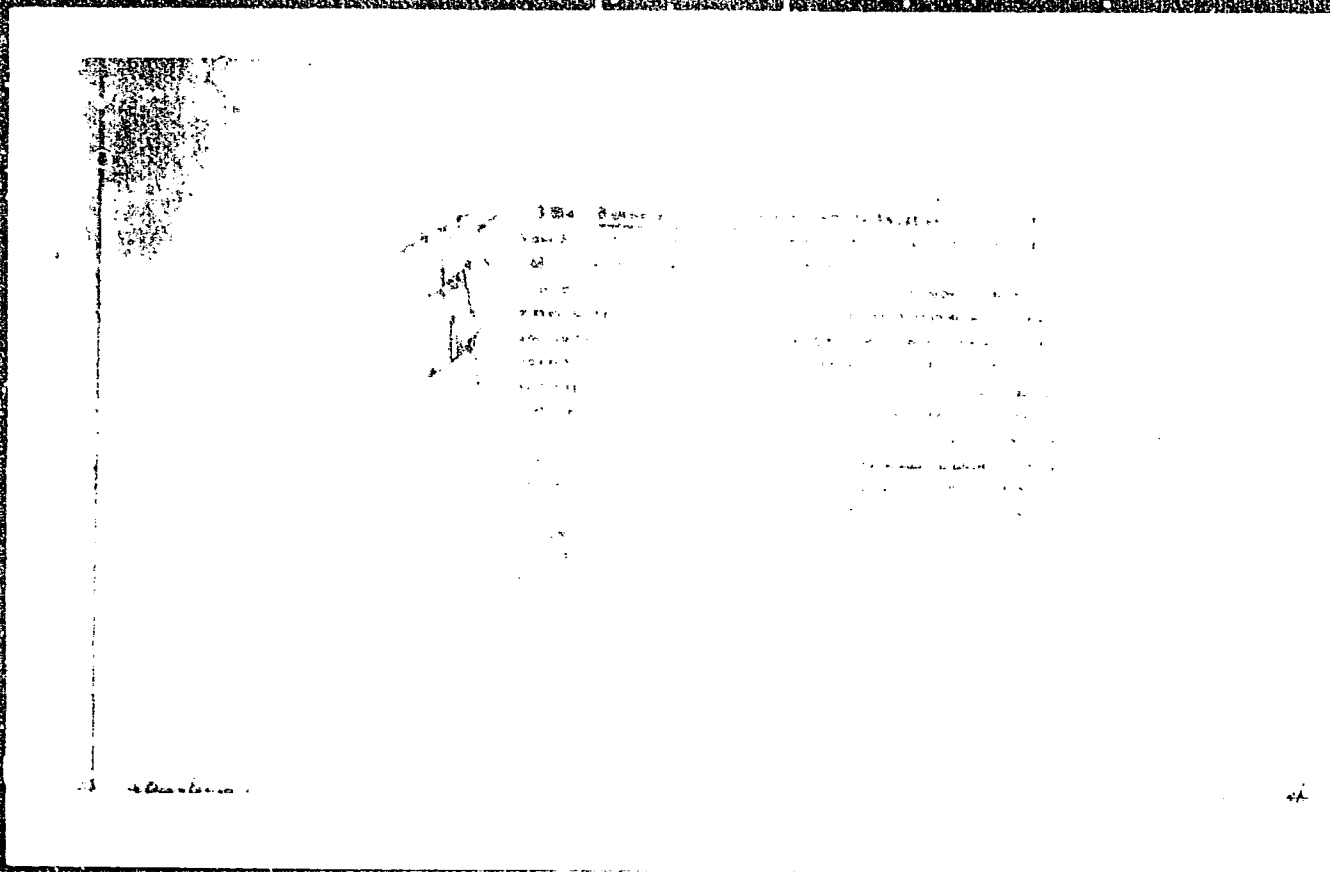
AUTHOR: Bakharev, V.A.

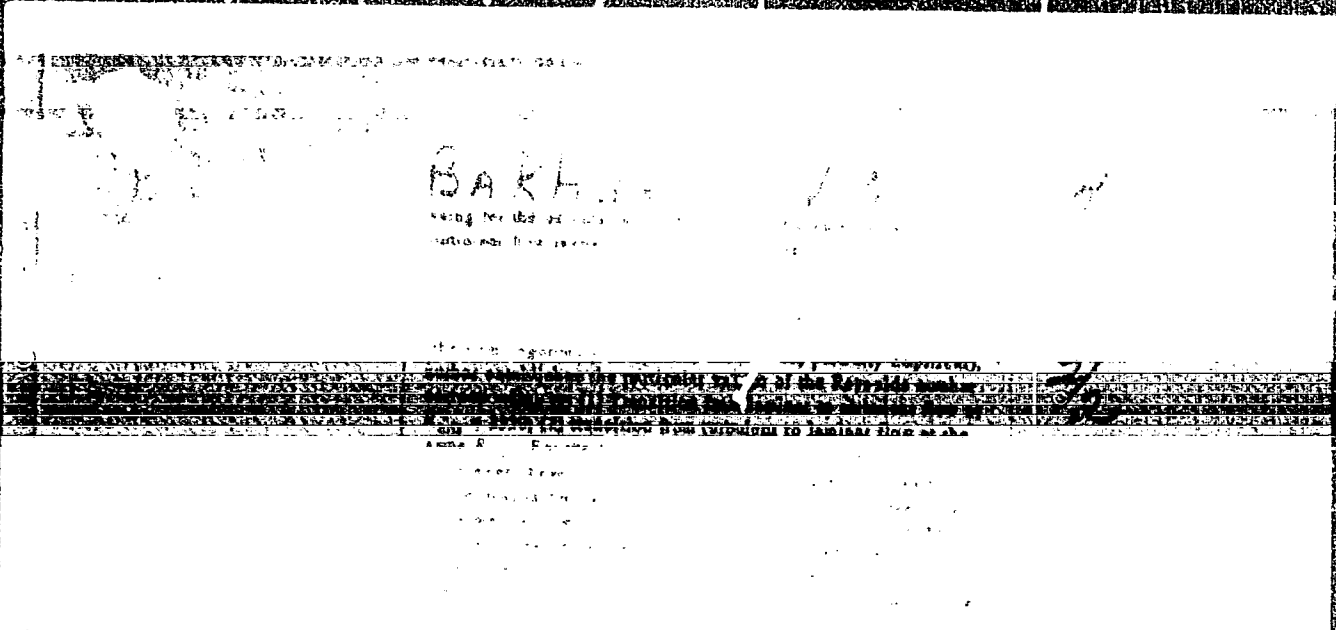
TITLE: Determination of the Basic Constants of an Averaged Turbulent Flow

PERIODICAL: Tr. Kazansk. aviats. in-ta, 1953, Nr 27, pp 51 - 69

ABSTRACT: The article has not been reviewed.

Card 1/1





SOV/124-58-1-331
Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 109 (USSR)

AUTHOR: ~~Bakharov, V. A.~~

TITLE: On the Motion of a Liquid in a Free and Submerged Turbulent Jet
(O dvizhenii zhidkosti v svobodnoy i stesnennoy turbulentnoy struye)

PERIODICAL: Tr. nauchn. sessii Vses. n.-i. in-ta okhrany truda, 1955, Nr 4,
pp 8-22

ABSTRACT: An attempt is made to construct a theory for the advancement of a turbulent jet into a stationary medium on the basis of assumptions relative to the nonconstancy (more specifically, decrement) of the momentum along the length of the jet and relative to the fact that a closed motion takes place within the jet, that is, that the jet has curvilinear boundaries. It should be noted that the author's propositions are refuted by available test data [ref. e.g., Abramovich, G.N., *Tr. Nauchnoy i inzhenernoy strukturnoy sektsii Gosenergoizdat, Moscow-Leningrad, 1948; Albertson, M.L., Proc. Amer. Soc. Civil Engrs., 1948, Vol 74, pp 1571-1595*], which indicate a conservation of the initial momentum

SOV/124-58-1-831

On the Motion of a Liquid in a Free and Submerged Turbulent Jet

test data, in particular, cover the cross sections of a plane-parallel jet over a distance of up to 1,000 nozzle diameters from the nozzle outlet, a distance at which according to Bakharev's calculation a jet would already become closed up. We must also note that in addition to the basic hypotheses the paper contains a number of other statements that give rise to doubt. For example, the author assumes that the intensity of the turbulence goes to zero at the axis of the jet, whereas it is well known that that quantity is finite on the jet axis (ref. Corrsin. S. , Uberoi, M. S. , Nat. Advis. Comm. Aeronaut. , Tech. Report Nr 998, 1950).

O. V. Yakovlevskiy

SOV/ 124-58-5-5531

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 86 (USSR)

AUTHOR: ~~Bakharev, V.A.~~

TITLE: On the Possibility of Generalizing the Laws of Laminar and Turbulent Flows (O vozmozhnosti obobshcheniya zakonov noster laminarnogo i turbulentnogo dvizheniy)

PERIODICAL: Nauchn. tr. Kazansk. in-ta inzh. -stroit. neft. prom-sti, 1956, Nr 4, pp 113-118

ABSTRACT: Expressions for the velocity profile and the resistance coefficient of a liquid flow are suggested. These have been obtained from the generalized friction equation under the assumption that the coefficient of virtual viscosity is expressed by a function which corresponds to its practically constant value in the core flow and decreases steeply in the vicinity of the wall to a value equal to that of the molecular viscosity. For laminar flow the expressions obtained are reduced to the well-known form.

1. Turbulent flow--Analysis
2. Fluid flow--Analysis
3. Mathematics--Applications

B. A. Fidman

Card 1/1

SOV/124-59-1-487

Translation from: Referativnyy zhurnal. Mekhanika, 1959, Nr 1, p 70 (USSR)

AUTHOR: Bakharev, V.A.

TITLE: On the Internal and External Friction of Liquids

PERIODICAL: Nauchn. tr. Kazansk. in-ta inzh.-stroit. neft. prom-sti, 1957, Nr 5, pp 75-87

ABSTRACT: The author treats the problem of the internal and external friction of liquids by means of the interaction mechanism between the molecules of the liquid on the one hand and, on the other hand, between the molecules of the liquid and those of the solid body. Considering the attraction and the momentum-transfer by molecules of the liquid, the author obtains the Newton formula for the internal friction-stress. For the flow of a liquid nearest to the surface the author points out the possible sliding conditions and gives some estimations for the sliding velocity.
Bibl. 8 titles.

U.G. Pirumov

Card 1/1

BAKHAREV, Viktor Aleksandrovich; TROYANOVSKIY, Viktor Nikolayevich;
VESHLKINA, A.A.; NOVOSPASSKIY, V.V.; RAKOV, S.I., tekhn.red.

[Principles of planning and designing heating and ventilating
installations with concentrated output of air] Osnovy pro-
yektirovaniia i rascheta otopeniia i ventilatsii s sosredo-
tochennym vypuskom vozdukha. Izd-vo VTsSPS Profizdat, 1958.
213 p. (MIRA 12:2)

(Heating) (Ventilation)

BAKHAREV, V.F., insh.

Precision in drilling coordinated holes on automatic lines.
Izv.vys.ucheb.zav.; mashinostr. no.9:60-68 '62. (MIRA 16:2)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana.

(Drilling and boring) (Automation)

SOV/138-58-7-10/19

AUTHORS: Blokh, G.A., Kormil'tseva, Z.P., Boguslavskiy, D.B.,
Bakharev, V.I., and Tikhomirov, B.P.

TITLE: Study of Diffusion Processes Occuring in Tyres During
Vulcanisation (Part I) (Issledovaniye diffuzionnykh
protsessov pri vulkanizatsii avtopokryshek) (Soobshchen-
iye I)

PERIODICAL: Kauchuk i rezina, 1958, Nr 7, pp 33 - 36 (USSR)

ABSTRACT: In this investigation, radioactive sulphur, S^{35} , was
introduced into the tread, breaker and carcass rubber
mixes and the diffusion of the isotope from each of these
parts of the tyre into adjacent parts of the tyre was
studied.

The appropriate rubber mixes containing the isotope
sulphur were rolled into thin laminae 0.4 to 0.8 mm
thickness and discs 16 mm diameter were cut from these
laminae. The discs were placed under a (Geiger) counter
and their radioactivity was determined before vulcan-
isation. Measurements were taken from both sides of the
discs. The discs were then stacked into piles to form
representative sections of a tyre. 30 discs represented
the tread and 8 to 10 discs the breaker and the carcass.
The discs were dusted with talc to assist separation of

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SOV/138-58-7-10/19

Study of Diffusion Processes Occuring in Tyres During Vulcanisation

the laminae after vulcanisation.

Piles of discs from mixes containing S^{35} were assembled with piles of discs from mixes containing normal sulphur in the appropriate sequences so that diffusion could be assessed for the different cases of: 1) tread to breaker to carcass; 2) breaker to tread, breaker to carcass and 3) carcass to breaker to tread. The stacked piles were vulcanised at $145^{\circ}C$ for half to two hours. The individual discs were then stripped from the vulcanised samples and the activity of each disc measured by the counter. Diffusion of the isotopic sulphur from discs to disc could then be assessed, as also diffusion from one part of the representative tyre section to another.

Table I shows the extent of the diffusion from the tread (where the active sulphur was originally located) into

breaker and carcass. The S^{35} diffused from the tread into the breaker to a depth of 3 to 3.5 mm. The breaker rubber taking up more than 40% of the activity of the tread rubber to a depth of 0.9 mm and over 60% to a depth

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SOV/138-58-7-10/19

Study of Diffusion Processes Occurring in Tyres During Vulcanisation

0.6 mm. The diffusion did not extend to the carcass rubber where the activity remained at background level. Table 2 shows results from a test where the active material was located in the breaker rubber and diffused both to the tread and to the carcass parts of the sample to a depth of 3 to 4 mm. Table 3 shows the results of a similar test with the S^{35} diffusing from carcass into the breaker rubber but not extending through to the tread. Similar experiments were made by assembling layers of tread, breaker and carcass rubber but in this case all containing S^{35} . After vulcanisation at 145 °C for 2 hours, the sample was stripped and the activity of the laminae at the interfaces between the different mixes was determined and compared with the activity at the same locations before vulcanisation. The results, given in Table 4, indicate concentration of the vulcanising groups at these interfaces, through differences in chemical rate and kinetic flow during vulcanisation. Such concentrations of polysulphide groups will undergo decomposition and re-grouping while the tyre is in use because of the temperature differences that are caused by deformation. Knowledge of the extent of these

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SOV/138-58-7-10/19

Study of Diffusion Processes Occurring in Tyres During Vulcanisation

concentrations is important since it will enable the ageing and fatigue characteristics of the tyre to be assessed. The diagram has been constructed from the data in tables 1, 2 and 3 and relates the activity level to the position of measurement in the stack. The shaded areas indicate concentration of activity at the interfaces between different parts of the tyre.

Attempts to study diffusion of calcium hydroxide, using Ca^{45} , in similar experiments were unsuccessful, evidently because of the insolubility of this material in rubber. There are 4 tables and 5 Soviet references.

1. Tires--Test methods 2. Sulfur--Diffusion 3. Sulfur isotopes (Radioactive)--Applications 4. Vulcanization

Card4/4

DOZOROTSEV, N.S.; BAKHAREV, V.I.; LEVITSKY, N.D.

New circuit for emergency disconnection of laboratory rollers.
Kaukh. i rez. 24 no.7:52-53 J1 '65. (MIRA 18:8)

1. Dnepropetrovskiy shynny zavod.

BAKHAREV. V.M.

Plastic and synthetic materials used in shipbuilding in the
German Democratic Republic. Biul. tekhn.-ekon.inform. Tekh. upr.
Min. mor. flota 7 no.5:114-118 '62. (MIRA 16:3)

1. Nachal'nik planovo-proizvodstvennogo otdela zavoda "Krasnyy
moryak".

. (Shipbuilding materials) (Plastics)

BAKHAREV, V.I.; DOZORTSEV, M.S.; KOSARENKO, M.F.; SAPRONOV, V.A.;
PRIVLER, M.D.

Device for indicating the load on tear resistance testing
machines for given deformations. Kauch. i rez. 24 no.11:
49 '65. (MIRA 19:1)

1. Dnepropetrovskiy shinnyy zavod.