KOHOUT, M., prof., dr. inz.

Awarding a decoration to Professor J. Hamackova. Vodni hosp 13 no.7:247 '63.

KOHOUT, Miloslav

Contribution to the anniversary of Dr. Vladimir Madera. Chem prum 15 no.2:115 F '65.

KOHOUT, Otokar, ing.

Technical and economic aspects of chipbuilding. Brodogradnja 12 no.5: 172-182 '61.

KOHOUT, Pavel, ins.

Raise driving by a pilot borehole. (Conclusion) Rudy 11 no.6:212 Je '63.

KOHOUT, Pavel, ins.

Mine raising with a pilot borehole. Rudy 11 no.5:179-180 My '63.

KOHOUT, R.

Agricultural sales in Czechoslovakia, 1948-1949. Statist.zpravod. 13 no.2:53-56 15 F '50. (CIML 19:2)

APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723620016-4"

KOHOUT, S.

Improving fastness in dyeing and the value of it. p. 249. TEXTIL. (Ministerstvo lehkeho prumyslu) Praha. Vol. 9, no. 8, Aug. 1954/

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

KOHOUT, S.

Sealing a set of cables by technical Dentacryl. Elektrotechnik 17 no.10:296 O '62.

KOHOUT, T.

2d Day of hydraulic-engineering discussions. p. 386.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a vodniho hospodarstvo a Vedecka technicka spolecnost pro vodni hospodarstvi) Praha, Czechoslovakia. No. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

Uncl.

KOHOUT, T.

Collaboration between atomic-and hydroelectric-power plants. p. 388.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a vodniho hospodarstvo a Vedecka technicka spolecnost pro vodni hospodarstvi) Praha, Czechoslovakia. No. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

Uncl.

KOHOUT, T.

Some problems concerning the water resources in the Budejovice region. p. 502.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a nodniho hospodarstvi a Vedecka technicka spolecnost pro vodni hospodarstvi) Praha, Czechoslovakia, No. 11, Nov. 1959

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2, Feb. 1960.

Uncl.

KOHOUT, Tomas

Treatment of water hardness by magnetic field. Vodni hosp 12 no.11:458-460 N '62.

KOHOUT, Tomas

Program of the periodical "Vodni hospodarstvi" for 1963. Vodni hosp 13 no.1:3-4 '63.

1. Vedouci redaktor Vodniho hospodarstvi.

KOHOUT, V.

Employment of every method in preventing injuries and occupational diseases. Prac. lek. 15 no.3:93-94 Ap '63.

(OCCUPATIONAL DISEASES)
(ACCIDENTS, INDUSTRIAL)

KOHOUT, V.

The model work month in transportation. Zel dop tech 11 no.10:298 '63.

KOHOUT, Vaclav

How to develop the Trebusice and Vrsovice work competition. Zelez dop tech 11 no.1:3-4 '63.

CZECHOSLOVAKIA

KOHOUT, V., Assistant Head of Labor Safety Department Central Council of Trade Unions (Zast. ved. odd. OBP-URO).

"Fight by All Means Accidents and Occupational Diseases."

Prague, Pracovni Lekarstvi, Vol 15, No 3, April 63, pp 93 - 94.

Abstract: The author cites Czechoslovak law No 65/1961 that makes application of labor safety devices a part of industrial planning. He mentions other laws dealing with this problem and states that trade unions should pay more attention to them. The most serious problem at present is silicosis. The workmen should be given proper training to be able to avoid the disease.
No references.

1/1

KOHOUT, Vaclav

Problems of improvement in railroad operation. Doprava no.11: 367-369 '62.

1. Ministerstvo dopravy a spoju.

KOHOUT, Vaclav

Industrial safety in transportation services. Doprava no.10:334-336 '62.

1. Ministerstvo dopravy a spoju.

KOHOUT, Vaclav

Personal material incentives in the new management system. Doprava 7 no.2:110-112 '65.

KOHOUTEK, Adolf

The contribution of socialist competition to the 12th Congress of the Communist Party of Czechoslovakia. Sklar a keramik 12 no.9:261-262 S '62.

1. Ministerstvo spotrebniho prumyslu, Praha.

KOHOUTEK, Antonin, ins.

New planning methods in repair services. Pod org 17 no.4:173-174 Ap '63.

1. Ministerstvo vseobecneho strojirenstvi.

KOHOUTEK, Antonin, ins.

New technology will be in the hands of the young people; problem of educating auto mechanics. Siln doprava 11 no.1:16-18 Ja '63.

1. Ministerstvo vseobecneho strojirenstvi.

KOHOUTEK, A.

Experiences with an importance of collective contracts, p. 21, SKLAR A KERAMIK (Ministerstvo lehkeho prumyslu) Praha, Vol. 4, No. 2, Feb. 1954

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 45, No. 12, December 1956

KOHOUTEK, A.

New regulation for wages in glassworks. p. 145.
Light industry in the 1st quarter of 1955. p. 146.
SKLAR A KERAMIK, Praha, Vol. 5, no. 7, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

KOHOUTEK, A.

The organization and technology of motor truck repairs in the Czechoslovak Automobile Repair Shops.

p. 58 (Automobil) Vol. 1, no. 2, Feb. 1957 Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, Jan. 1958

KOHOUTEK, A.

"Cooperation of technicians in the introduction of a new wage system."
P. 33.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumyslu). Praha, Czechoslovakia,
Vol. 9, No. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

KOHOUTEK, A.

Experimental introduction of a new wage system. p. 3.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14, no.1, January 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11, November 1959.

Uncl.

KOHOUTEK, Antonin, inz.

Why we concentrate repairs. Silniční doprava 12 no.5:8-9 My '64.

1. Ministry of Mechanical Engineering.

KOHOUTEK, Antonin, ing.

Balancing automobile wheels. Siln doprava 12 no.9:8-10 S '64.

KOHOUTEK, Antonin, inz.

Operation of the RAM automobile wheel balancer. Siln doprava 13 no.1:14,26 Ja '65.

KOHOUTEK, Miroslav; KOHOUTEK, Frantisek

Our experience with the treatment of tubal sterility. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) 4 no.5:667-673 '61.

1. Gynekologicko-porodnicka klinika; prednosta prof. DrSc. MUDr. J. Pazourek.

(STERILITY FEMALE) (FALLOPIAN TUBES)

KOHOUTEK, J.

1

3
1.Bus(Blu)

The vapor-liquid equilibrium of the mixture ethyl ether-chloroform. J. Kohoutek (Královopolská strojírna, Brno, Czech.). *Collection Czechoslov. Chem. Communs.* 25, 288-91 (1960).—The isobaric vapor-liquid equil. of the mixt. was detd. by the circulation method at atm. pressure; the results are shown to be thermodynamically consistent.

E. Erdös

KOHOUTEK J.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Applications. Fats and Oils. Waxes. Soaps and Detergents. Flotation Agents. H-23

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9870.

Author : Kohoutok, J.
Inst : Not given.
Title : Results of Study and Hygienic Evaluation of Lard.

Orig Pub: Coskosl. hug., 1958, 3, No 2-3, 197-199.

Abstract: Some problems are discussed concerning the biological and nutritive value of lard and other fats as well as some food products. Author's abstract.

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198

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Applications. Chemical Engineering. H-2

Abs Jour : Ref Zhur-Khimiya, No 7, 1959, 23638

Author : Kohoutek, J., Dolezalik, V., Vermouzek, C.
Inst : -
Title : Effect of the Concentration of Separating Mixtures on the Efficiency of Rectifying Units.

Orig Pub : Chem. listy, 1958, 52, No 5, 869-873

Abstract : It is established that changes in the diffusion coefficient and in viscosity as a function of concentration of a mixture have considerable effect on the efficiency of rectifying apparata. It is particularly

Card : 1/2

H-4

KOHOUTEK, J.; NOVAK, D.

Cholangiogenic liver carcinoma after thorotrast. Cesk. rentg. 14 no.2:110-116 Ap '60.

1. Radiologicke odd. KUNZ Jihlava, prednosta prim. dr. Vl. Maly Prosektura KUNZ Jihlava, prednosta prim. dr. R. Hambach.
(THORIUM toxicol.)
(LIVER NEOPLASMS etiol.)

HAMBACH,R.; KOHOUTEK,J.; STUDENY,J.; SVOJITKA,J.

Hypoxic changes in the liver cells with special reference to asphyxia neonatorum. (Histopathological, experimental and biochemical studies). Cas. lek. cesk.99 no.15:453-459 8 Ap '60.

1. Patologicko-anatomicke oddeleni, primar-prosektor MUDr. R. Hambach.Ustredni laboratore, primar MUDr.J.Svojitka, KUNZ v Jihlave.
(LIVER pathol.)
(ASPHYXIA NEONATORUM pathol.)

NOVOTNY, Z.; KOHOUTEK, J.

Meniere's disease and pressure of the arteria centralis retinae. Cesk. otolaryng. 14 no.4:247-252 Ag '65.

1. Otolaryngologicka klinika (prednosta prof. dr. K. Sedlacek) a II. ocni klinika (prednosta akademik J. Kurz) fakulty vseobecneho lekarstvi Karlovy University v Praze.

L 31077-66

ACC NR: AP6022537 SOURCE CODE: CZ/0002/65/000/003/0431/0433

AUTHOR: Kohoutek, Jan

ORG: Mining Institute, CSAV (Hornicky ustav CSAV)

53
B

TITLE: Symposium of model methods and modelling in mechanics of minerals

SOURCE: Ceskoslovenska akademie ved. Vestnik, no. 3, 1965, 431-433

TOPIC TAGS: geologic conference, mineralogy, algorithm, mathematic model, soil mechanics

ABSTRACT: The Symposium was held on 24-26th September 64 at the Mining Institute. Stability of buildings with respect to soil stresses was discussed by J. Straka. Z. Eisenstein discussed algorithmic modelling of mechanical conditions in soils and in minerals. Foldyna and Voropinov discussed modelling of geological processes. Padera, and B. Schejbalova discussed model solution of the stability of the experimental shaft of the President Gottwald mine. Z. Cermak and Klepetka described the use of a model in the investigation of soil pressures upon concrete understructures. D. Filip and J. Kohoutek described the use of models in the solution of the problems of stability in the low sections of coal mines. [JPRS]

SUB CODE: 08 / SUBM DATE: none

Card 1/1 CC

005 0545

Specific properties of individual particles, surface phenomena, hydration of gel particles, adsorption on gels, ion exchange, and surface conductivity are discussed. Conditions under which measurements were made are described. Influence of temperature and of the time factor upon the results is evaluated. Orig. art. has: 3 figures, 41 formulas, and 2 tables. [JPRS]

SUB CODE: 07, 20 / SUBM DATE: none / ORIG REF: 005 / SOV REF: 004 / OTH REF: 153

Card 1/1 PB

41199

S/194/62/000/007/019/160
D222/D309

9.2140

AUTHORS: Kohoutek, Jindřich, and Koženy, Olaf .

TITLE: Polarized relay using ferrites as the source of a constant magnetic field for use in the memory units of electronic computers

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1962, abstract 7-1-87 zh (Czech. pat., cl. 21g, 4/01, 21 a[1], 20/01, no. 9784, Nov. 15, 1960)

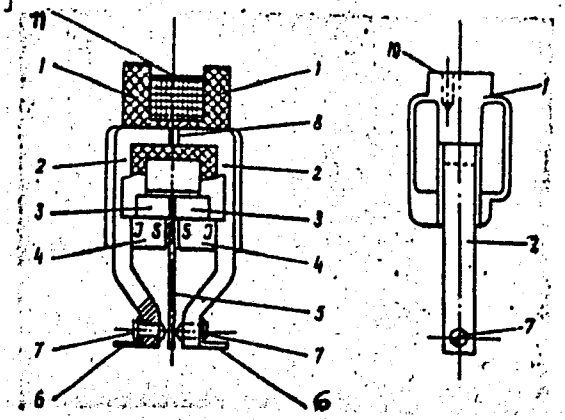
TEXT: A miniature polarized relay is patented, in which the source of a constant magnetic field is a ferrite core. The essence of the device (see figure) is in making the body 1 of the coil 11 out of plastic and fastening inside the body the pole pieces 2, made of ferromagnetic material and separated by the isolating insert 8. These pole pieces are also used as current conducting elements for the coil 11. At the free bent endings are located the contacts 7 and the soldering lugs 6 to connect the supply to the relay. Between the contacts 7 is located the armature 5 of the tongue type, fastened on the electrical conductor bridge 3 on which there are

Card 1/2

Polarized relay using ferrites ... S/194/62/000/007/019/160
D222/D309

also soldering lugs. The bridge 3 is fastened to the inner side of the body 1. The ferrite elements 4 fit directly to the pole pieces 2, but because of their nonconducting nature they are electrically isolated from them. The relay is mounted by means of the hole 10 in the body 1 of the coil. The polarity of the ferrite elements is shown on the figure (I-S, S-N). 2 figures. [Abstracter's note: Complete translation.]

Fig.



Card 2/2

41759
S/194/62/000/008/005/100
D201/D308

9.2140

AUTHORS: Kohoutek, Jindřich, and Koženy, Olaf

TITLE: A polarized relay for computers

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1962, abstract 8-2-14 e (Czech. pat., cl. 21 g, 4/01; 21a[1], 20/01, no. 98161, Jan. 15, 1961)

TEXT: The construction of the polarized relay proposed is based on two stamped H-shaped isolating components joined together. The recesses of two components contain the elements of the magnetic circuit: the tie-piece contains the core of the control winding, the longitudinal bays contain the reed armatures. Between the ends of the bays are the polarization systems with permanent magnets. The external surface of the bays and of the tie-piece form a frame for the output winding. The winding, the contact terminals and other components are situated within the limits of this frame which makes it possible to place the relays close to each other. 5 figures. [Abstracter's note: Complete translation.]

Card 1/1

S/194/62/000/010/015/084
A154/A126

AUTHORS: Kohoutek, Jindřich, Kožený, Olaf

TITLE: A miniature polarized relay

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962, 52, abstract 10-1-1041 (Czech. pat., cl. 21a[1], 20/01; 21g, 4/01, no. 99327, April 15, 1961)

TEXT: This patented miniature polarized relay, intended for use in relay computers, is distinguished by simple design, small dimensions, ease of assembly and installation, and high technical parameters. The relay coils, magnets, contacts and other elements are press-fitted, which ensures sufficient mechanical strength and greatly reduces the number of separate elements. The relay is enclosed in a protective casing made of a transparent material, such as glass, which makes hermetic sealing possible. To increase the operating reliability of the relay, the inner cavity of the casing is filled with neutral gas, which makes the operation and parameters of the relay independent of external conditions and makes it suitable for use in tropical conditions. There are 3 figures.
[Abstracter's note: Complete translation] I.P.

Card 1/1

KOHOUTEK, J.; KRAUS, H.; MYSKA, V.

Developmental anomalies of the face and concomitant strabismus. Cesk. oftal. 19 no.1:14-17 Ja '63.

1. II. ocni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik J. Kurz.
(STRABISMUS) (FACE)

S/274/63/000/002/010/019
A055/A126

[illegible]tek, Jindřich

TITLE: **Electronic switch**

PERIODICAL: **Referativnyy zhurnal, Radiotekhnika i Elektrosvyaz', no. 2, 1963,** 42, abstract 2B283 P (Czech. pat., cl. 42 m, 14; 21 c, 45/01, no. [illegible]32, June 15, 1961)

[illegible] sed electronic switch is intended for processing informa- [illegible]

... switch.

... for which this pulse is the trigger ... the MM are ... the two-position switches, ... The ... all the MM. The switching out of the device is ensured by ... switch in the circuit to the common point. The switches between the individual MM permit disconnecting individual MM without disconnecting the whole device.

A.S.

... complete translation ...

KOHOUTEK, K.

Waterworks and water purification by contact filtration in Coschutz. p. 422.

Vol. 5, no. 12, Dec. 1955
VODNI HOSPODARSTVI
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5 No. 4 April 1956

KOHOUTEK, K.

Water purification by filtration; designing open and closed filters in the German Democratic Republic. p. 137.

Vol. 35, no. 5, May 1956
VODA
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

KOHOUTEK, Karel, inz.

Aims of the scientific and technological development plan in 1964. Vodni hosp 14 no.2:41-42 '64.

1. Ministry of Agriculture, Forestry and Water Resources Management, Prague.

The Schwarzenbach method [illegible]
for control work. The [illegible]
when an excess of Mg ions is present with Eriochrome [illegible]
was applied, and two [illegible]
and [illegible]

KOHOUTEK, L.; ~~MIKUSEK, J.~~

SCIENCE

Periodicals: BIULLETEN ASTRONOMICHESKIKH INSTITUTOV CHEEHOSLOVAKII
BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA.
Vol. 10, no. 2, Mar. 1959

KOHOUTEK. L.; MIKUSEK. J. On the determination of angular lengths of telescopic meteors. In English. p. 50.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

KOHOUTEK, L.

SCIENCE

Periodicals: BIULLETEN ASTRONOMICHESKIKH INSTITUTOV CHEKHOSLOVAKII
BULLETIN OF THE ASTRONOMICAL INSTITUES OF CZECHOSLOVAKIA
Vol. 10, no. 2, Mar. 1959

KOHOUTEK, L. Luminosity function derived from observations in limited regions. II. In English. p. 55

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

KOHOUTEK, L.

Precision of the photographic determination of geocentric meteor velocity. In English.

BULLETIN OF THE ASTRONOMICAL INSTITUTES OF CZECHOSLOVAKIA. (Ceskoslovenska akademie ved. Astronomicky ustav) Praha, Czechoslovakia, Vol. 10, no. 4, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

S/035/62/000/005/021/098
A055/A101

AUTHOR: Kohoutek, L.

TITLE: Two peculiar objects in Ophiuchus

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 5, 1962, 24, abstract 5A208 ("Byul. astron. in-tov Chechoslovakii", 1961, 12, no. 5, 210 -211, English)

TEXT: It is reported that two objects have been discovered in the Ophiuchus constellation, that can be identified neither with a planetary or a diffuse nebula, nor with a galaxy. For the first object, the center coordinates are: $\alpha = 17^h56^m.1$; $\delta = +9^\circ42'$ (1950). On plates sensitive to red light, the object presents the outline of an irregular circle (diameter 52"). In the center, there is an almost uniform elliptical nebulosity 14 x 10", whose general brightness is $\sim 15^m$.. On the plates sensitive to blue light, the observed picture is approximately the same: the integrated brightness of the elliptical nebulosity is $\sim 16^m$. The coordinates of the center of the second object are $\alpha = 16^h55^m.7$; $\delta = -21^\circ11'$ (1950). On "red" plates, the object appears as a round, somewhat irregular, nebulosity whose diameter is 57". In the center, there is an elliptical

Card 1/2

Two peculiar objects in Ophiuchus

S/035/62/000/005/021/098
A055/A101.

object 10 x 8" with the integrated surface brightness $\sim 15^m$. On "blue" plates, the brightness of the object is considerably lower. In the center, there is a small round nucleous, whose diameter is 3" and whose brightness is $\sim 19^m$. The galactic latitudes of the objects (14° and 11° respectively) rule out the possibility of their being the galaxies. These objects are possibly planetary nebulae with two envelopes, the outer envelope being ellipsoidal, and the inner spherical. Supplementary spectral observations are necessary for the definitive classification of the objects.

R. Noskova

[Abstracter's note: Complete translation]

Card 2/2

S/035/62/000/007/005/083
A001/A101

AUTHORS: Kohoutkova, Dana, Kohoutek, Luboš

TITLE: From popular observatories and astronomical circles. Results of the State astronomical expedition 1960

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 14, abstract 7A92 ("Říše hvězd", 1961, v. 42, no. 7, 140 - 142, Czech)

TEXT: The expedition was organized by the Czechoslovakian Astronomical Society and the Prague Pedagogical Institute to the country's mountainous regions. 76 students, amateur-astronomers, took part in it. The following teams operated: meteor observers (48 people), observers of Sun, eclipsing binaries, time service. Meteor observations were aimed at studying the distribution of radiants of telescopic meteors, determining their atmospheric trajectories and altitudes, and studying luminosity functions of bright and weak meteors by observing selected sky regions by various means (by eye, with field glasses, binoculars). Several thousand observations of telescopic meteors were made and 185 altitudes were determined. The team of variable-star observers obtained 22 luminosity curves

Card 1/2

S/269/63/000/002/031/037
A001/A101

AUTHORS: Kohoutek, L., Grygar, J.

TITLE: Trajectories of telescopic meteors in the atmosphere. Results of the Mount-Bezovec meteor expedition 1958

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 2, 1963, 66 - 67, abstract 2.51.535 ("Byul. astron. in-tov Chekhoslovakii", 1962, v. 13, no. 1, 9 - 26, English; Russian summary)

TEXT: Base observations (base length was 2.5 km) of telescopic meteors were conducted during an expedition to the Mount-Bezovec in the south-eastern part of Slovakia by means of binoculars with the sight field of 3°3 and 7°3. 123 meteors were recorded during 8 nights, and their characteristics are presented in a table. The mean altitude of meteor appearance turned out to be 98±4 km, the altitude of maximum luminosity was 93±4 km, and the altitude of disappearance was 88±3 km. No altitudes lower than 60 km were discovered. The mean geocentric velocity of meteors was equal to 36±5 km/sec. The authors made use of a relationship, established by Tseplekha and Padevet (RZhAstr, 1962,

Card 1/2

9A600), between the magnitude of a meteoroid and the altitude of its intense vaporization, and found that the average radius of a stony particle must equal to 0.52 mm and that of an iron particle - 0.41 mm. On the basis of the data obtained the authors arrived at the conclusion that during the flight of the particle in the Earth's atmosphere, the air stream flows freely around it. The orbits of telescopic meteors should be near-circular ones. There are 18 references.

N. Divari

[Abstracter's note: Complete translation]

S/035/62/000/011/015/079
A001/A101

AUTHOR: Kohoutek, L.

TITLE: A new distance scale and the optical thickness of planetary nebulae

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 11, 1962, 34, abstract 11A265 ("Byul. astron. in-tov Chekhoslovakii", 1962, v.13, no. 2, 71 - 74, English; Russian summary)

TEXT: On the basis of the preceding results of the author (see RZhAstr, 1961, 8A229; 1962, 9A240), a formula has been derived which determines the distance to a planetary nebula:

$$R \simeq \text{const}/\varphi\, I^{1/3} \qquad (1)$$

where φ is the angular diameter of the nebula, I is its mean surface brightness. The distance scale determined from (1) is an intermediate one between the scales by I. S. Shklovskiy and B. A. Vorontsov-Vel'yaminov. The table shows R-values in all three scales for 90 nebulae containing in the catalogue by Vorontsov-Vel'yaminov. Formula (1) is applicable to those nebulae only whose optical thickness

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A new distance scale and the optical thickness of... S/035/62/000/011/015/079
A001/A101

beyond the Lyman series edge τ is less than unity. The author advances some considerations (based on the assumption of powerful corpuscular radiation from the nuclei of nebulae) in favor of the notion that $\tau < 1$ for all the nebulae observed. The table shows also distances determined by Formula (1) for 27 nebulae which are usually held to be optically thick ($\tau > 1$). There are 14 references.

V. G.

[Abstracter's note: Complete translation]

Card 2/2

[illegible] of a contraction [illegible]

[illegible] again in equilibrium [illegible]
[illegible] and [illegible]
[illegible]

types. [illegible] variable stars of various

Authors' summary

[Abstracter's note: Complete translation]

S/269/63/000/002/005/037
A001/A101

AUTHOR: Kohoutek, L.

TITLE: New planetary nebulae

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 2, 1963, 26, abstract 2.51.253 ("Byul. astron. in-tov Chekhoslovakii", 1962, v. 13, no. 3, 120, English)

TEXT: Six new diffuse objects have been discovered in studying the charts of the Palomar Sky Atlas; they are identified by the author as planetary nebulae. The following data are presented for each nebula: equatorial coordinates for 1900.0, precession for 50 years, rectangular coordinates measured from the lower left-hand corner of the corresponding atlas map, classification in the B. A. Vorontsov'-Vel'yaminov system, a map of vicinities, and a detailed description of the appearance of nebulae from the atlas of the maps.

G. P.

[Abstracter's note: Complete translation]

Card 1/1

S/260/63/000/001/029/032
A001/A101

AUTHORS: Kohoutek, Luboš, Grygar, Jiří

TITLE: On altitudes of telescopic meteors

PERIODICAL: Referativnyy zhurnal, Astronomiya, no. 1, 1963, 75, abstract 1.51.512 ("Říše hvězd", 1962, v. 43, no. 4, 70 - 74, Czech)

TEXT: The authors consider briefly previous determinations of altitudes of 170 telescopic meteors by Öpik, Astapovich, Bakharev and Dobrovol'skiy. Moreover, the results of observations in Czechoslovakia of several amateur groups with bases 1.5 - 9.1 km in 1957 - 1960 are described. Altogether 369 pairs of base meteors were recorded, including several ones observed at three points. The "binar" Somet (100 mm, 25X) and a binocular (80 mm, 10X) were used. 32 pairs were the best of the observed meteors; their average initial altitude was H_1=99.3±4.4 km, the middle altitude was 94.8±3.8 and the end altitude H_2=88.8±2.5 km. The remaining determinations were processed statistically due to large observational errors; their distribution modes yielded respectively the altitude values: 98±5.93±3 and

Card 1/2

KOHOUTEK, L.

New planetary nebulae. Bull astr Cz 14 no.2:70-74 '63.

1. Astronomical Institute, Czechoslovak Academy of Sciences, Prague.

KOHOUTEK, L.

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(ANTIBIOTICS, eff.
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antibiotics, on erythrocyte level (Cz))

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"The measurement of corona losses on the first Czechoslovak experimental line."

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Research on the corona and radio interference at 400 kv voltage and over. Energetika Cz 11 no.10:529 O '61.

S/035/62/000/007/005/083
A001/A101

AUTHORS: Kohoutkova, Dana, Kohoutek, Luboš

TITLE: From popular observatories and astronomical circles. Results of the State astronomical expedition 1960

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 14, abstract 7A92 ("Říše hvězd", 1961, v. 42, no. 7, 140 - 142, Czech)

TEXT: The expedition was organized by the Czechoslovakian Astronomical Society and the Prague Pedagogical Institute to the country's mountainous regions. 76 students, amateur-astronomers, took part in it. The following teams operated: meteor observers (48 people), observers of Sun, eclipsing binaries, time service. Meteor observations were aimed at studying the distribution of radiants of telescopic meteors, determining their atmospheric trajectories and altitudes, and studying luminosity functions of bright and weak meteors by observing selected sky regions by various means (by eye, with field glasses, binoculars). Several thousand observations of telescopic meteors were made and 185 altitudes were determined. The team of variable-star observers obtained 22 luminosity curves

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Flashover voltage of long chains of the VZC insulators.
Bul EGU no. 5:16-18 '62.

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Expected radio interference of the 400 kv line built in Czechoslovakia. Bul EGU no. 5:18-22 '63.

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