SOV/24-58-7-4/36

Static Elasto-plastic Deformations Due to Repeated Cyclic Loads

plastic deformations which appear during the first loading will diminish on the strip being unloaded and due to strain-hardening effect they will eventually vanish after some number of cycles. The stresses at A and B will, of course, be much larger than the actual value of the loading p (stress concentration effect). After repeated loading a load P_m will produce a stress $\sigma_m^{(p)}$ at the hole, which is sufficient to produce a plastic deformation there. This load P_m is smaller than the load P_1 which produces the same effect during the static or the first loading. The relationship between P_m and P_1 is given in Figure 6;

D) repeated tension-compression of notched bars. The problem is similar to that of C). Figure 7 represents the relationship between P_m/P_1 as a function of a/ρ for steel 45 in the case when $\sigma_m^{(p)}$ is numerically equal to

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SOV/24-58-7-4/36

Static Elasto-plastic Deformations Due to Repeated Cyclic Loads

the ultimate stress and the cyclic loading is symmetrical (P_m and P_1 correspond to p_m and p_1 in the case above and represent the total axial force). The solution is based on Refs 2 and 7.

There are 7 figures and 7 Soviet references.

SUBMITTED: March 18, 1958

Card 8/8

MOSKVITIN, V.V.

Pulse motions of an elastic-plastic system with a limited number
of degrees of freedom. Vest.Mosk.un. Ser.mat.,mekh.,astron.,fiz.,
khim. 13 no.5:23-32 '58.   (MIRA 12:4)

1. Kafedra teorii uprugosti Moskovskogo gusudarstvennogo universi-
teta.
                         (Elasticity)

MOSHVITIN, V. V., Doc Phys-Math Sci -- (diss) "Elastic-plastic deform-
ations under repeated stresses." Moscow, 1960. 15 pp; (Inst of Mechanics
of the Academy of Sciences USSR); 200 copies; price not given; biblio-
graphy at end of text (16 entries); (KL, 50-60)/3,)

24.5200

69812
S/024/60/000/01/020/028
AUTHOR: Moskvitin, V.V.   (Moscow)   E081/E335

TITLE: Propagation of Heat in a Hollow Circular Cylinder of
          Infinite Length

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh
             nauk, Energetika i avtomatika, 1960, Nr 1, pp 152-155 (USSR)

ABSTRACT: Discussion of the problem of heat propagation in the
          presence of an internal source is of interest; for example,
          in connection with the thermal stresses caused by internal
          friction in the material. The present solution is more
          general than those obtained previously and is based on the
          following general assumptions: 1) the quantity of heat
          liberated by the source per unit time per unit volume is
          an arbitrary function of the coordinate r and time t;
          2) heat exchange occurs at the internal (r = a) and
          external (r = b) surfaces of the cylinder with the
          surrounding medium, the temperature of which is an arbitrary
          function of time $(\theta_a = \theta_a(t); \theta_b = \theta_b(t)$.   The

          differential equation of heat conduction has the form (1),
          where γ is the specific gravity,   c the specific heat,
Card1/2   p the diffusivity and λ the thermal conductivity. The

69812

S/024/60/000/01/020/028

E081/E335

Propagation of Heat in a Hollow Circular Cylinder of Infinite Length

boundary conditions are given by Eqs (2), where h_a and h_b are coefficients of relative heat transfer and the initial conditions by Eq (3), where f is a known function. The solution of the problem is obtained in terms of Bessel functions by Eq (25), where the constants A_n are determined by Eq (23), the known function W^* by Eq (6) and the functions $H_n(k_n, r)$ by Eq (14), in which J_o and Y_o are first- and second-kind Bessel functions of zero order. Let the temperature of the external medium become constant as $t \to \infty [\vartheta_a(t) \to \vartheta_a(\infty)$, $\vartheta_b(t) \to \vartheta_b(\infty)$ and let the function W characterising the distribution of the source be independent of time. In this case, the stationary state given by the last equation on p 155 is possible, where N is given by Eq (24). There are 3 Soviet references.

SUBMITTED: October 9, 1959
Card 2/2

MOSKVITIN, V.V. (Moskva)

Adaptability of elastic-plastic systems.   Izv.AN SSSR. Otd.tekh.nauk.
Mekh.i mashinostr. no.5:101-107 S-O '60.   (MIRA 13:9)
(Strains and stresses)

88041

18.8000   2807, 2808, 1418, 1413   S/139/60/000/006/003/032
                                       E032/E414

AUTHOR: Moskvitin, V.V.

TITLE: Temperature Fields Due to Internal Friction in a
             Material

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Fizika,
             1960, No.6, pp.20-28

TEXT: The presence of internal friction in a material subject
to cyclically applied stresses leads to energy dissipation in
the material, and the magnitude of this energy depends on the
area of the hysteresis loops.   If it is assumed that the
energy is converted into heat, then each element of the
vibrating system becomes a heat source.   The temperature
distribution of such a system can be derived by solving the
thermal-conductivity equation with the appropriate distribution
of heat sources.   In the general case this temperature
distribution gives rise to thermoelastic stresses which, together
with the temperature, increase in proportion to the square of a
characteristic dimension of the body under investigation.
The present author uses these general considerations in a
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88010

S/139/60/000/006/003/032
E032/E414

Temperature Fields Due to Internal Friction in a Material

quantitative form to analyse the temperature field in
prismatic rods of arbitrary cross-section subject to
a) cyclic torsion and b) cyclic bending.   It is assumed that
the area of the hysteresis loops on the plane $\sigma_i \sim \epsilon_i$
is proportional to the strain energy

$$W_1 = \frac{\sigma'_i \epsilon'_i}{2}$$

corresponding to the maximum values of the cyclically varying
strains

$$\Delta W_1 = \psi_1 \frac{\sigma_i' \epsilon_i'}{2}$$

where ψ_1 is a coefficient
(assumed constant) characterising the absorbed energy.
Similarly,

$$\Delta W_2 = \psi_2 W_2 = \psi_2 \frac{\tau'\theta'}{2}.$$

Card 2/6

88041
S/139/60/000/006/003/032
E032/E314

Temperature Fields Due to Internal Friction in a Material

so that the total amount of dissipated energy per cycle is

$$\Delta W = \Delta W_1 + \Delta W_2 = \psi_1 \frac{\sigma_i \varepsilon_i}{2} + \psi_2 \frac{\sigma \theta}{2}$$

or, bearing in mind the fact that

$$\sigma_i = 3G\varepsilon_i, \quad \sigma = K\theta$$

one has, finally,

$$\Delta W = \frac{3}{2} \psi_1 G\varepsilon_i^2 + \frac{1}{2} \psi_2 K\theta^2 \qquad (0.1)$$

where θ is the relative change in the volume,
   σ is the average hydrostatic stress,
   σ_i is the stress and

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Temperature Fields Due to Internal Friction in a Material

ε_i is the strain.

The introduction of the two coefficients ψ_1 and ψ_2 is in accordance with the well-known experimental fact that the coefficients ψ_t and ψ_b for the cases of pure torsion and pure bending, respectively, are different from each other. The constants ψ_1 and ψ_2 are related to ψ_t and ψ_b by the following formula

$$\psi_t = \psi_1 \; ; \quad \psi_b = \frac{2}{3}(1 + \nu)\psi_1 + \frac{1}{3}(1 - 2\nu)\psi_2$$

where ν is Poisson's ratio. Solutions are obtained for the maximum temperatures produced in the above prismatic specimens and numerical calculations are illustrated in Fig. 1. These figures give the above temperature for a cyclically bent rod of square cross-sectional area

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88041

S/139/60/000/006/003/032
E032/E414

Temperature Fields Due to Internal Friction in a Material

where λ is the thermal conductivity (equal to 16 kcal/hour m deg), E is Young's modulus (equal to 2×10^6 kg/cm^2), ν is Poisson's ratio (equal to 1/3), $\psi_b = 0.03$, h is the emissivity, n is the number of cycles per unit time (100 sec^{-1}) and A is defined by $A = Q/n\Delta W$, where Q is the amount of heat produced per unit time per unit volume (equal to 1/427 kcal/kg) and is the temperature of the surrounding medium (equal to 0). As can be seen from Fig.1, considerable temperature differences may appear during the vibration of massive bodies and these must be taken into account. There are 1 figure and 1 Soviet reference.

ASSOCIATION: Moskovskiy gosuniversitet imeni M.V.Lomonosova
(Moscow State University imeni M.V.Lomonosov)

SUBMITTED: December 1, 1959

Card 5/6

88041
S/139/60/000/006/003/032
E032/E414

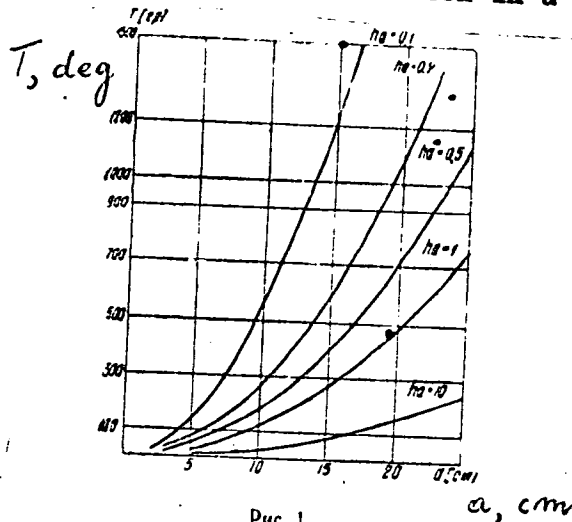Temperature Fields Due to Internal Friction in a Material

Fig.1.

Рис. 1.

Card 6/6

Moskvitin, V. V.

PHASE I BOOK EXPLOITATION   SOV/5724

Moscow. Universitet.

Voprosy mekhaniki; sbornik statey. vyp. 193. (Problems of Mechanics;
    Collection of Articles. no. 193) [Moscow] Izd-vo Mos. univ.,
    1961. 169 p. Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Moskovskiy gosudarstvennyy universitet imeni
    M. V. Lomonosova.

Ed.: L. N. Sretenskiy, Corresponding Member, Academy of Sciences
    USSR. Ed. (This vol.): I. Z. Pirogov; Tech. Ed.: O. I. Georgiyeva.

PURPOSE: This book is intended for engineers and scientific workers
    interested in the mechanics of materials, fluid dynamics, and radi-
    ation.

COVERAGE: The book contains articles on problems of algebra, non-
    linear programming, motion of particles, elasticity, stress-strain,
    vibration, and flow of liquids. No personalities are mentioned.
    References follow all but one article.

Card 1/3

Problems of Mechanics; (Cont.)   SOV/5724

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Problems of Mechanics; (Cont.)   SOV/5724

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tropic Medium   93

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Heavy Liquid   157

AVAILABLE: Library of Congress
                                              AC/dfk/cc
Card 3/3   11-6-61

MOSKVITIN, V.V.

Elastic plastic deformations caused by a considerable number of
cyclic loadings. Vop.mekh. no.193:42-51 '61.   (MIRA 14:8)
                        (Deformations.(Mechanics))

MOSKVITIN, V.V.

Conditions of simple repeated loading. Vest.Mosk.un.Ser.l:Mat.,
mekh. 17 no.2:72-75 Mr-Ap '62.   (MIRA 15:6)

1. Kafedra teorii uprugosti Moskovskogo universiteta.
          (Strains and stresses) (Calculus of tensors)

S/020/62/146/003/008/019
B172/B186

AUTHOR: Moskvitin, V. V.

TITLE: Stresses and strains in a cyclically hardened material

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 146, no. 3, 1962, 569-570

TEXT: The problem of determining the stress tensor $\sigma_{ij}^{(n)}$ and strain tensor $\epsilon_{ij}^{(n)}$ for every n-th load is considered under the following conditions: (1) External forces change exactly or approximately according to the law of symmetric cycles; (2) the material is cyclic-hardening, which means that in cycles with a given stress amplitude, the plastic summands of strain decrease as the number of loads increases. The formulas

$$\sigma_{ij}^{(n)} = \left[\beta + (1 - \beta)f(n)\right] \sigma'_{ij} + \left[(1 - \beta)(1 - f(n))\right] \sigma_{ij}^{(e)}$$

$$\epsilon_{ij}^{(n)} = \left[\beta + (1 - \beta)f(n)\right] \epsilon'_{ij} + \left[(1 - \beta)(1 - f(n))\right] \epsilon_{ij}^{(e)} \qquad (11)$$

are derived. Their application involves knowing the stresses σ'_{ij} and strains ϵ'_{ij} of the first load, and the corresponding stresses

Card 1/2

Stresses and strains in a...

$\sigma_{ij}^{(e)}$ and strains $\iota_{ij}^{(e)}$ for a completely elastic material. The number β is characterized by $\dot{\iota}(\infty) = \beta\iota_{up}'$, and $f(n) = 1/\sqrt{n}$ is suggested for f. Similar relations were established by L. F. Coffin, Papers Am. Soc. Mech. Eng., no. A-100 (1959). There is 1 figure.

S/020/62/146/003/008/019
B172/B186

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

PRESENTED: April 6, 1962, by A. Yu. Ishlinskiy, Academician

SUBMITTED: March 23, 1962

Card 2/2

MOSKVITIN, V.V. (Moskva)

Temperature field of a cyclically deformed elastoplastic
medium. Inzh. zhur. 3 no.2:386-390 '63.
(MIRA 16:6)

(Deformations(Mechanics))
(Thermal dissipation)

MOSKVITIN, Viktor Vasil'yevich; SKORYY, I.A., dots., red.

[Plasticity under the effect of variable loads] Plastich-
nost' pri peremennykh nagruzheniiakh. Moskva, Izd-vo
Mosk. univ., 1965. 262 p.   (MIRA 18:10)

L 42872-66   EWT(1)/EWT(m)/T/EWP(t)/ETI   IJP(c)   ID/JWW/JW/GC/RM

ACC NR: AR6017231   SOURCE CODE: UR/0058/65/000/012/D031/D031

AUTHOR: Moskvitina, Ye. N.; Kuzyakov, Yu. Ya.; Kotov, Yu. I.; Tatevskiy, V. M.

ORG: none

TITLE: Investigation of infrared spectra and spectra of the Raman effect of tetrafluorohydrazine

SOURCE: Ref. zh. Fizika, Abs. 12D249

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, t. 3, vyp. 1, 1964, 197-204

TOPIC TAGS: absorption spectrum, Raman effect, IR spectrum, absorption band, tetrafluorohydrazine, hydrazine derivative

ABSTRACT: The infrared absorption spectrum of tetrafluorohydrazine (I) has been investigated in the gaseous and the solid phase in the $400-4000$-cm^{-1} range. The spectrum of the Raman effect has been obtained in the gaseous phase. Coincidence

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L 42872-66

ACC NR: AR6017231

of oscillation frequency in the spectrum of the Raman effect with the oscillation frequency in the infrared spectrum indicates that molecule I has a configuration corresponding to the symmetry of C_2. A preliminary interpetation of the absorption bands has been proposed. [Translation of abstract]   [NT]

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

Card 2/2

ACC NR: AP6031589   SOURCE CODE: UR/0189/66/000/003/0035/0039

AUTHOR: Moskvitina, Ye. N.; Kuzyakov, Yu. A.

ORG: Department of Physical Chemistry, Moscow State University (Kafedra fizicheskoy khimii, Moskovskiy gosudarstvennyy universitet)

TITLE: Calculation of vibration spectra of difluoramine and chlorodifluoramine

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 3, 1966, 35-39

TOPIC TAGS: difluoramine, chlorodifluoramine, vibration spectrum, vibrational frequency, force field, force constant , FLUORINE COMPOUND, CHLORINE COMPOUND, AMINE

ABSTRACT: The authors have calculated the force fields and the vibrational frequencies of the NF_2H, NF_2D and NF_2Cl molecules. The study was undertaken to determine the force constants of the NF_2 group. The NF_2H and NF_2D molecules have a symmetry plane along the N-H and N-Cl bonds, belong to the C_s, point group, and have six fundamental vibrations four of which are symmetric (A') and two anti-symmetric (A") in respect to this plane. The following configuration parameters were used: for NF_2H

$$r_{NH} = 1.025 \pm 0.002 \, A,$$
$$\angle HNF = 99.8 \pm 0.2°.$$

for NF_2Cl

Card 1/4   UDC: 539.19+541.57

ACC NR: AP6031589

$$r_{HCl} = 1.79 \text{ A};$$
$$\angle FNCl = 107°.$$

The calculation was carried out by a method described by Vol'kenshtein, M. V., Yel'yashevich, M. A., and Stepanov, B. I. (Kolebaniya molekul [Vibrations of Molecules]. M.-L., Izd-vo GITTL, 1949). The calculated force constants are given in Tables 1 and 2. The high values of the force constants K_{qq}, K_{qQ}, and K_{q_α} of the NF_2 group indicate

Table 1.
Force constants of molecules NF_2H and NF_2O

k_q	k_Q	k_α	k_β	k_{qq}	k_{qO}	$k_{q\alpha}$	$k_{q\beta}$	$k_{Q\beta}$	$k_{\alpha\beta}$	$k_{Q\alpha}$
7.80	9.50	2.02	1.50	2.11	2.10	1.20	0.60	0.31	0.07	0

Table 2. Force constants of the molecule NF_2O

k_q	k_Q	k_α	k_β	k_{qQ}	$k_{q\alpha}$	$k_{q\beta}$	$k_{Q\beta}$	$k_{\alpha\beta}$	$k_{\alpha Q}$	k_{qq}
7.80	4.42	2.35	1.20	2.00	1.20	1.00	0.30	0.1	0	2.11

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AP6031589

Table 3. Calculated and observed vibrational frequencies
of NF_3H, NF_3D и NF_3Cl

Vibrations and Symmetry	NF_3H		NF_3D		Assignment
	Observed, cm^{-1}	Calculated, cm^{-1}	Observed, cm^{-1}	Calculated, cm^{-1}	
v_1 v_2 v_3 v_4 } A′	3193 1307 972 500	3194 1261 941 499	2354 989 928 490	(2333) 1008 972 (500)	N—H vvalence' NHF deformation N—F valence NF₃ deformation
v_5 v_6 } A″	1424 888	1483 902	1114 883	1042 888	NHF deformation N—F valence

NF_3Cl

v_1 v_2 v_3 v_4 } A′	932 698 556 378	953 694 541 314			N—F valence N—Cl valence FNF deformation FNCl deformation
v_5 v_6 } A″	854 270	864 290			N—F valence FNCl deformation

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ACC NR: AP6031589

a considerable mutual effect of the N-F bonds. The values of the observed and calculated vibrational frequencies of NF_2M, NF_2D and NF_2Cl were found to be in good agreement.(see Table 3). Analysis of the results indicated that: 1) frequencies v_3 and v_6 of NF_2H and v_1 and v_5 of NF_2Cl in their parameters are not fully characteristic of the N-F bonds, because of the participation of other bonds and angles in their vibrations; 2) vibrations of the entire NF_2 group are highly characteristic of the NF_2H and NF_2Cl; molecules 3) frequencies v_3, v_6 and v_4 are very sensitive to changes of numerous force coefficients and are not fully characteristic of the NF_2 group. Orig. art. has: 2 figures and 4 tables. [WA-77]

SUB CODE: 21, 20/ SUBM DATE: 07Oct65/ ORIG REF: 006/ OTH REF: 006/

Card 4/4

ACC NR: AP7002888   SOURCE CODE: UR/0189/66/000/006/0110/0113

AUTHOR: Moskvitina, Ye. N.

Moscow State University

ORG: Department of Physical Chemistry, (Kafedra fizicheskoy khimii, *Moskovskiy gosudarstvennyy universitet*)

TITLE: Calculation of the thermodynamic functions of chlorodifluoramine and difluoramine

SOURCE: Moscow. Universitet. Vestnik. Seriya II. Khimiya, no. 6, 1966, 110-113

TOPIC TAGS: chlorodifluoramine, difluoramine, thermodynamic function, *fluorinated organic compound*

ABSTRACT: The thermodynamic functions of chlorodifluoramine and difluoramine at 1 atm have been calculated in an approximation, rigid rotator-harmonic oscillator, without taking into account the effect of nuclear spin. The values of the structural parameters and of the fundamental vibration frequencies were taken from the literature. The structural parameters, the observed fundamental vibration frequencies, and the products of the principal moments of inertia for NF_2Cl, NF_2H, and NF_2D are given in Table 1. The calculated thermodynamic functions are given in Tables 2 and 3. Orig. art. has: 3 tables.   [W. A. 77]
[BO]

Card 1/6   · UDC: 536.7

ACC NR: AP7002888

Table 1. Structural parameters, fundamental frequencies,
and products of the principal moments of
inertia of NF_2H, NF_2D and NF_2Cl

Structural parameters	Products of the principal moments of inertia			Observed vibration freq., cm^{-1}			Symmetry
	NF_2H	NF_2D	NF_2Cl	NF_2H	NF_2D	NF_2Cl	
$r_{NF} = 1.40$ Å	$I_A I_B I_C =$ 109. 935·10 $g^3 \cdot cm^6$	$I_A I_B I_C =$ 134.234·10^{-117} $g^3 \cdot cm^6$		3193	2333	698	A'
$r_{NH} = r_{ND} = 1.026$Å				1307	1008	378	
FNF = 102.9°				972	972	932	
HNF = DNF = 99.8°				500	500	656	
$r_{NF} = 1.37$ Å			$I_A I_B I_C =$ 3317.04× $\times 10^{-117}$ $g^3 \cdot cm^6$	1424	1042	290	A''
$r_{NCl} = 1.79$Å				888	888	854	
FNF = 102°							
FNCl = 107°							

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ACC NR: AP7002888

Table 2. Thermodynamic functions of chlorodifluoramine

$T°K$	$\Phi_T^\bullet = -(G_T^\circ - H_0^\circ)$	S_T	$H_T^\bullet - H_\bullet^\bullet$
273.15	56.7315	66.9001	2776.73
298.15	57.6386	68.1212	3125.39
300	57.7053	68.2092	3151.17
400	61.0464	72.5509	4585.80
500	63.6005	76.2443	6318.85
600	65.9767	79.4127	8061.60
700	68.0896	82.1757	9860.27
800	70.0029	84.6311	11702.56
900	71.7580	86.8459	13579.11
1000	73.3757	88.8529	15177.20
1100	74.8670	90.6728	17386.38
1200	76.2513	92.3425	19309.44
1300	77.5856	93.9395	21260.07
1400	78.7748	95.3342	23183.16
1500	79.8638	96.5996	25103.70
1600	80.9991	97.9258	27082.72
1700	82.0587	99.1158	29048.07
1800	83.0083	100.2232	30986.82
1900	83.9595	101.3053	32957.02
2000	84.8264	102.2864	34920.00
2100	85.6897	103.2528	36882.51
2200	86.5160	104.1770	38854.20
2300	87.3041	105.0531	40822.70
2400	88.0563	105.8979	42795.84
2500	88.7888	106.6952	44765.75
2600	89.5181	107.4751	46668.20
2700	90.1684	108.2103	48713.13
2800	90.8463	108.9491	50687.84
2900	91.4725	109.6340	52668.35
3000	92.0920	110.3072	54645.60

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ACC NR: AP7002888   Table 3.   Thermodynamic functions of NF_2H and NF_2D

	NF_2H			NF_2D		
$T°K$	$\Phi_T^{\circ} = -(G_T^{\circ}-H_0^{\circ})/T$	S_T	$(H_T^{\circ}-H_0^{\circ})$	Φ_T°	S_T	$(H_T^{\circ}-H_0^{\circ})$
100	42,8129	50,7724	795,954	43,0670	51,0265	795,956
200	48,3816	56,5681	1537,31	48,6380	56,8408	1540,55
273,15	50,9803	59,5046	2328,42	51,2494	59,8493	2349,06
298,15	51,7327	60,3954	2582,78	52,0096	60,7766	2613,87
300	51,7863	60,4596	2601,99	52,0639	60,8437	2633,93
400	54,3646	63,6578	3717,29	54,6902	64,2171	3810,77
500	56,5083	66,4522	4971,93	56,8987	67,1895	5145,40
600	58,3771	68,9455	6341 02	58,8369	69,8422	6602,01
700	60,0502	71,1946	7801,07	60,5842	72,2299	8151,96
800	61,5730	73,2404	9333,86	62,1774	74,3953	9774,33
900	62,9750	75,1147	10925,8	63,6464	76,3727	11453,7
1000	64,2765	76,8431	12566,6	65,0111	78,1898	13178,7
1100	65,4927	78,4457	14248,6	66,2864	79,8687	14940,4
1200	66,6350	79,9389	15964,7	67,4840	81,4275	16732,2
1300	67,7127	81,3362	17710,6	68,6131	82,8813	18548,6
1400	68,7331	82,6487	19481,7	69,6814	84,2426	20385,6
1500	69,7025	83,8857	21274,8	70,6952	85,5217	22239,8
1600	70,6258	85,0550	23086,7	71,6599	86,7277	24108,4
1700	71,5075	86,1634	24915,1	72,5801	87,8681	25989,5
1800	72,3512	87,2166	26757,8	73,4597	88,9492	27881,1
1900	73,1602	88,2198	28613,2	74,3022	89,9769	29781,8
2000	73,9373	89,1771	30479,7	75,1106	90,9559	31690,5
2100	74,6849	90,0926	32356,0	75,8876	91,8905	33606,0
2200	75,4053	90,9695	34241,1	76,6355	92,7844	35527,6
2300	76,1005	91,8109	36133,9	77,3563	93,6409	37451,5
2400	76,7720	92,6194	38033,7	78,0521	94,4630	39386,1
2500	77,4216	93,3975	39939,8	78,7244	95,2532	41321,9

Card 4/6

ACC NR: AP7002888

Table 3 (Cont.)

$T°K$	NP,H $\phi_T - (G_T-H_0)/T$	NP,H S_T	NP,H (H_T-H_0)	NP,D ϕ_T	NP,D S_T	NP,D (H_T-H_0)
2600	78.0505	94.1473	41851.5	79.3749	96.0139	43261.5
2700	78.6602	94.8706	43768.2	80.0048	96.7172	45204.4
2800	79.2517	95.5694	45689.5	80.6155	97.4519	47150.4
2900	79.8261	96.2451	47615	81.2080	98.1387	49099.0
3000	80.3843	96.8901	49544.4	81.7834	98.8001	51050.1
3100	80.9273	97.5329	51477.1	82.3427	99.4406	53003.5
3200	81.4559	98.1475	53413.1	82.8868	100.061	54958.9
3300	81.9708	98.7441	55351.9	83.4164	100.661	56916.2
3400	82.4727	99.3237	57293.4	83.9323	101.249	58875.1
3500	82.9622	99.8872	59237.4	84.4352	101.817	60835.7
3600	83.4400	100.435	61183.6	84.9258	102.370	62797.6
3700	83.9066	100.969	63120.0	85.4045	102.970	64760.9
3800	84.3625	101.489	65082.3	85.8721	103.431	66725.5
3900	84.8082	101.996	67034.3	86.3289	103.942	68691.0
4000	85.2441	102.491	68988.1	86.7754	104.440	70657.8
4100	85.6707	102.974	70943.4	87.2122	104.926	72625.5
4200	86.0883	103.445	72900.2	87.6396	105.400	74594.1
4300	86.4973	103.906	74858.3	88.0581	105.864	76563.6
4400	86.8981	104.357	76817.7	88.4679	106.317	78533.8
4500	87.2910	104.797	78778.3	88.8695	106.759	80504.8
4600	87.6763	105.228	80740.1	89.2631	107.193	82476.4
4700	88.0542	105.651	82702.8	89.6492	107.617	84448.7
4800	88.4251	106.064	84666.6	90.0278	108.032	86421.7
4900	88.7893	106.469	86631.2	90.3994	108.439	88395.1
5000	89.1468	106.866	88596.8	90.7642	108.838	90369.2
5100	89.4981	107.256	90563.2	91.1225	109.229	92343.7
5200	89.8433	107.638	92530.3	91.4744	109.613	94318.8
5300	90.1826	108.012	94498.2	91.8202	109.989	96294.2
5400	90.5162	108.380	96466.8	92.1600	110.358	98270.1
5500	90.8443	108.742	98436.0	92.4942	110.721	10024.6

Card 5/6

ACC NR: AP7002888

SUB CODE: 07, 20/ SUBM DATE: 07Oct65/ ORIG REF: 001/ OTH REF: 002

Card 6/6

MOROLOV, V.V.; KARLIT,

    Colorimetric determination of protein . . .
    Prikl. biokhim. i mikrobiol. 1 no.2   1965.

    1. Institut biokhimii imeni A.N.Bakha AN SSSR, Moskva.

SOV/117-59-5-21/30

25

AUTHORS: Moskvitin, Yu.A., and Yur'yev, N.Ya.

TITLE: A Mandrel for Boring Grooves

PERIODICAL: Mashinostroitel', 1959, Nr 5, p 36 (USSR)

ABSTRACT: This is a short description of a mandrel for radial drilling
              machines. The design of the mandrel enables a quick replace-
              ment of dulled blades, without removing the mandrel from the
              drill. The manufacture of the mandrel is simple, and it is
              easy to operate. There is 1 diagram.

Card 1/1

YUR'YEV, N.Ya.; MOSKVITIN, Yu.A.

Modernization of disk shears. Mashinostroitel' no.11:12 N '60.
(MIRA 13:10)

(Shears (Machine tools))

MOSKVITINA, A.P.

Assisted V.V. Popov in preparing the article, "Induction of Tympanic Membrane in Bombina

Bombina and Pelobates Fuscus," Dik. AM, 48, No. 5, 1945.

Note: Popov identified with Inst. Cytology, Histology & Embryology, Acad. Sci.; Lab.

Embryology, M.V. Lononosov State Univ., Moscow, -1944-.

ZAKHAROV, V.N.; MOSKVITINA, E.N.; POTEYKO, V.I.

Observations of lunar occultations of stars in Irkutsk.
Astron. tsir. no.233:5-6 F '63.   (MIRA 16:6)

1. Stantsiya nablyudeniy iskusstvennykh sputnikov Zemli,
Irkutsk.   (Occultations)

ZAGUSKIN, V.L.; MOSKVITINA, I.I.

        Convergence of N.V.Paluver's method of polynomial factorization.
        Dokl. na nauch. konf.   1   no.3:68-71   '62.   (MIRA 16:3)
                            (Factors (Algebra))

MOSKVITINA, I.I.

Round-off errors committed in solving a system of linear equations
by the orthogonalization method. Dokl. na nauch. konf. 1 no.3:
104-108 '62.   (MIRA 16:8)
          (Linear equations) (Errors, Theory of)

RAYAVEYE, E.L. [Rajavee, E.]; MOSKVITINA, K.A.; SIPOVSKIY, G.V.

Experience in the preparation of mastics with a base of shale
bitumen. Khim. i tekh. gor. slan. i prod. ikh perer no.13:
190-197 '64.   (MIRA 18:9)

MOSKVITINA, T.A.; KOCHETOV, G.A.

Isolation and purification of transketolase from the liver of rats. Vop. med. khim. 9 no.6:643-645 N-D '63.

(MIRA 17:1)

1. Kafedra biokhimii zhivotnykh Gosudarstvennogo universiteta imeni M.V. Lomonosova, Moskva.

MOSKVITINA. V.S.

Railway Mail Service

Gathering of Stakhanovites of the railway mail service. Sov. sviaz. no. 11, 1951.

9. Monthly List of Russian Accessions, Library of Congress, August 1952 1953, Uncl.

Moskvitina, V. S.

USSR/ Miscellaneous - Mail delivery

Card   1/1   Pub. 133 - 8/19

Authors   :   Moskvitina, V. S., Chief Economist of the Moscow administration for mail transportation

Title   :   The rational organization of the mail transportation sections

Periodical :   Vest. svyazi 4 (181), 16-17, Apr 1955

Abstract   :   An investigation in the smoothness and uniform distribution of work at the Moscow postal branches was investigated as to the method in which the mail was transported. As a result of this investigation, the reorganization of the postal work on a more rational basis was suggested.

Institution :   ......

Submitted   :   ......

MOSKVITINA, Ye.N.; KUZYAKOV, Yu.Ya.; KNYAZEVA, N.A.; TATEVSKIY, V.

Infrared spectrum of tetrafluorohydrazine. Opt. i spektr. 16
no.5:768-771 My '64.   (MIRA 17:2)

MOSKVITINA, Ye.N.; KUZYAKOV, Yu.Ya.

Infrared spectrum and the calculation of the vibrational
spectrum of the molecule of chlorodifluoramine (NF$_2$Cl).
Vest. Mosk. un. Ser. 2 Khim. 19 no.2:23-25 Mr-Ap'64.

1. Kafedra fizicheskoy khimii Moskovskogo universiteta.

MOSKVITINA, Ye.N.; KUZIAKOV, Yu.Ya.

Calculation of the vibrational spectrum of difluoromethylamine
(CH_3NF_2). Zhur. prikl. spektr. 2 no.5:467-469 My '65.   (MIRA 18:7)

PRIKHOT'KO, A F

24(7)   p 3   PHASE I BOOK EXPLOITATION   SOV/1365

L'vov. Universytet

Materialy X Vsesoyuznogo soveshchaniya po spektroskopii. t. 1:
Molekulyarnaya spektroskopiya (Papers of the 10th All-Union
Conference on Spectroscopy. Vol. 1: Molecular Spectroscopy)
[L'vov] Izd-vo L'vovskogo univ-ta, 1957. 499 p. 4,000 copies
printed. (Series: Its: Fizychnyy zbirnyk, vyp. 3/8/)

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po
spektroskopii. Ed.: Jazer, S.L.; Tech. Ed.: Saranyuk, T.V.;
Editorial Board: Lavisterg, G.S., Academician (Resp. Ed., Deceased),
Neporent, B.S., Doctor of Physical and Mathematical Sciences,
Pabelinskiy, I.L., Doctor of Physical and Mathematical Sciences,
Fabrikant, V.A., Doctor of Physical and Mathematical Sciences,
Kornitskiy, V.G., Candidate of Technical Sciences, Rayskiy, S.M.,
Candidate of Physical and Mathematical Sciences, Klimovskiy, L.K.,
Candidate of Physical and Mathematical Sciences, Miliyanchuk, V.S.,
Candidate of Physical and Mathematical Sciences, and Glauberman,
A. Ye., Candidate of Physical and Mathematical Sciences.

Card 1/30

Kolesova, V.A. Vibrational Spectra of Double-component
  Phosphate Glasses and Some Crystalline Phosphates   461

Mal'tsev, A.A., Ye. N. Koskvitina, and V.M. Tatevskiy.
  Study of the Isotopic Effect and Verification of
  Infrared Spectrum of Boron Trifluoride   465

Mal'tsev, A.A., Ye. N. Koskvitina, and V.M. Tatevskiy.
  Quantitative Analysis of Boron-Isotopes by Means
  of Infrared Spectra of Boron Trifluorides   472

Mal'tsev, A.A., Yu. Ya. Kuzyakov, and V.M. Tatevskiy.
  Study of Electron Spectra and Isotopic Effect
  in Boron Oxygen Compounds   475

Mal'tsev, A.M., V.G. Vinokurov, and V.M. Tatevskiy.
  Study of Electron Spectra and Isotopic Effect in
  Boron Oxygen Compounds   480

Card 29/30

KUZYAKOV, Yu.Ya.; MOSKVITINA, Ye.N.

Interpretation of the infrared absorption spectra of an active
isomer of H_2F_2. Vest. Mosk. un. Ser. 2: Khim. 20 no.1:15-17
Ja-F '65.   (MIRA 18:3)

1. Kafedra fizicheskoy khimii Moskovskogo universiteta.

MOSKVITINA, Ye.S. (L'vov'

Cytologic diagnosis of appendicitis,

KOSKVOCHENKO, N.A., kand.med.nauk

Cancer of the esophagus complicated by erosion of the innominate artery. Vrach.delo no.1:89 Ja '58. (MIRA 11:3)

1. Kafedra otolaringologii (zav.-prof. L.L.Frumin) Ukrainskogo instituta usovershenstvovaniya vrachey i 30-ya Khar'kovskaya gorodskaya bol'nitsa ukha, gorla i nosa.
(ESOPHAGUS--CANCER)

MOSKIN, V. I.

Operation and Casting Tables. Voyenno-meditsinskiy zhurnal, No 1, p. 77, 1955.

MOSKWA, Jerzy (Warszawa, ul. Konopacka 8 m. 29)
Internal fixation in fractures of the spine with cord injuries. Chir.
narz. ruchu 22 no.4:423-428 1957.

1. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie.
(SPINE, fract.
causing spinal cord inj., surg., internal fixation (Pol))
(SPINAL CORD, wds. & inj.
caused by fract. of spine, surg., internal fixation (Pol))

MOSKWA, Jerzy (Warszawa, ul. Polna 18/20 m. 46.)

Spina bifida occulta causing lumbosacral pain in sportsmen. Polski tygod. lek. 14 no.13:584-585 30 Mar 59.

1. (Z Miejskiego Szpitala Chirurgii Urazowej; dyrektor: dr Z. Deka)
    (SPINA BIFIDA, compl.
          backache caused by spina bifida occulta in sportsmen (Pol))
    (BACKACHE, etiol. & pathogen.
          spina bifida occulta in sportsmen (Pol))
    (ATHLETICS
          backache caused by spina bifida occulta in sportsmen (Pol))

MOSKWA, J.(Warszawa, ul. Polna 18/20 m. 46)

Arthrography in diagnosis of injuries of the soft tissues of the shoulder. Chir. narz. ruchu 24 no.1:45-52 1959.

1. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie Dyrektor i Ordynator Oddzialu: Oddzialu: dr Z. Deka.
        (SHOULDER, wds. & inj.
            arthrography in soft tissue inj. (Pol))

CZALBOWSKA, Irena; DEKA, Zenon; LITYNSKI, Michal; MOSKWA, Jerzy

Analysis of cases of bone fracture and of their effect on the course of organic changes leading to fatal outcome in patients over 50 years of age. Chir.narz.ruchu ortop.polska 24 no.6:485-494 '59.

1. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie ul. Jo-tejki 9/11. Dyrektor: dr Z. Deka.

(FRACTURES)

MOSKWA, Jerzy

Plastic management in severe injuries of the extremities.
Chir. narz. ruchu ortop. polska 26 no.1:9-19 '61.

(EXTREMITIES wds & inj)   (SKIN TRANSPLANTATION)

CZALBOWSKA, Irena; DEKA, Zenon; MOSKWA, Jerzy; RYCEMBEL, Zofia

Causes and therapy of delayed unions and false joints in long bone shafts of the upper extremity. Chir. narz. ruchu ortop. polska 26 no.6:635-639 '61.

1. Z szpitala Chirurgii Urazowej w Warszawie Dyrektor: dr Z. Deka.
            (ARM fract & disloc)   (PSEUDARTHROSIS surg)
            (FRACTURES UNUNITED surg)

MOSKWA, Jerzy

Multiple fractures. Chir. narzad. ruchu ortop. pol. 28 no.4:
415-419 '63.

1. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie
Dyrektor: dr Z. Deka.
        (ACCIDENTS)   (ACCIDENTS, TRAFFIC)
        (ACCIDENTS, INDUSTRIAL)   (FRACTURES)
                (STATISTICS)

STOPYRA, Leszek, dr. inz.; MOSKWA, Marian, mgr inz.; JASNIEWSKI, Ryszard,
mgr inz.

Testing hydraulic pumps and engines produced in Poland. Przegl
mechan 21 no.23:724-729 10 D '62.

1. Wojskowa Akademia Techniczna, Warszawa.

MOSKWA, W.; DMOCHOWSKI, J.

Effect of human urine on hair growth in animals. Przegl. lek., Krakow
7 no.11-12:418-421 1951. (CLML 22:1)

1. Of the Institute of General Pathology (Head--Prof. F. Venulet, M.D.)
of Lodz Medical Academy.

MOSKWA, W.;JAWORSKI, E.

Effect of urine from patients affected with cancer on human sperma-
tozoa. Przegl. lek., Krakow 9 no.1:25-27 1953.   (CLML 24:4)

1. Of the Institute of General and Experimental Pathology (Head--Prof.
F. Venulet, M. D.) of Lodz Medical Academy.

MOSKWA, W.

Effect of urine from cancer patients on rats and frogs. Przel. lek.,
Krakow 9 no.1:29-31 1953.   (CIML 24:4)

1. Of the Institute of General and Experimental Pathology (Head--Prof.
F. Venulet, M. D.) of Lodz Medical Academy.

MOSKWA, W.; WOJTASIK, S.

Effect of roentgen rays on transplantability of the skin in white
mice. Acta physiol. polon. 8 no.3:469-470 1957.

1. Z Zakladu Biologii A. M. w Lodzi Kierownik: z-ca prof. dr
R. Kadlubowski.
        (SKIN TRANSPLANTATION, experimental,
              eff. of x-rays (Pol))
        (ROENTGEN RAYS, effects,
              on exper. skin transplantability (Pol))

MOSKWA, W.; GRZYWACZ, M.

Reaction of animals irradiated with roentgen rays to certain narcotics.
Acta physiol. polon. 8 no.3:470-471 1957.

1. Z Zakladu Biologii A. M. w Lodzi Kierownik: z-ca prof. dr
R. Kadlubowski.
(ROENTGEN RAYS, effects,
on narcotic reactions in white mice (Pol))

(NARCOTICS, effects,
eff. of x-rays on reactivity (Pol))

MOSKWA, Walenty; WOJTASIK, Stefan; BABICZ, Urszula

Course of trichinosis in white rats irradiated by roentgen rays. Wiad-
omosci parazyt., Warsz. 4 no.5-6:373-374; Engl. transl. 374-375 1958.

1. Z Zakladu Biologii Ak. Med. w Lodzi.
            (ROENTGEN RAYS, effects,
                on exper. trichinosis (Pol))
        (TRICHINOSIS, experimental,
                eff. of x-rays (Pol))

MOSKWA,Walenty; GRZYWACA,Marian

Reaction to narcotics of organisms irradiated by roentgen.
and ultraviolet rays. Polski tygod lek 15 no.11:377-380 14 Mr '60.

1. Z Katedry Biologii i Parazytologii Lekarskiej A.M. w Lodzi;
kierownik: z. prof. dr med. Roscislaw Kadlubowski.
             (HYPNOTICS AND SEDATIVE pharmacol.)
             (RADIATION EFFECTS)
             (ULTRAVIOLET RAYS)

ROSTKOWSKA, Julia; MOSKWA, Walenty; KADLEWICZ, Stefan; BARANSKI, Czeslaw

Comparison of the effect of dilombite and piperazine on the development of eggs of Ascaris suum (Goeze) in the presence of P32. Wiad. parazyt. 10 no.4:303-305 '64

1. Katedra Biologii Wojskowej i Katedra Fizyki Lekarskiej Akademii Medycznej, Lodz.

L 00240-66   EWT(1)/FS(v)-3   DD
ACCESSION NR: AP5016620

PO/0049/65/000/003/0277/0284

AUTHOR: Moskwa, W.; Rostkowska, L. J.

TITLE: Biophysical effects of a constant magnetic field

SOURCE: Kosmos — Seria A Biologia, no. 3, 1965, 277-284

TOPIC TAGS: magnetic field, bacteria, plant growth, neoplasm, conditioned reflex, psychoneurotic disorder

ABSTRACT: The authors review the current literature dealing with the effects of natural and artificial magnetic fields on plant and animal organisms, including man. It is pointed out that the development of plants is generally retarded in a magnetic field, and that corn, radishes, wheat, and beans grow better if their roots are directed toward the South Pole. Magnetic fields have also been shown to affect snails and fruit flies, although the orientation of birds is apparently not affected. Although pigeons do not develop defensive conditioned reflexes to a magnetic stimulus, bird behavior can be modified significantly by a magnetic field. It has long been suggested that there is a correlation between mental illness and magnetic storms, so that the effect on astronauts must be considered. Magnetic fields have

Card 1/2

L-00240-66
ACCESSION NR: AP5016620

also been shown to retard the growth of mice, bacteria and tumor cells, and to delay wound healing. It is thus possible that magnetism may have some therapeutic applications. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: None

NO REF SOV: 002

ENCL: 00

OTHER: 026

SUB CODE: EM, LS

Card 2/2

MOSKWA, Z.

Effect of tobacco smoke on the development of tadpoles and adult frogs. Med. dosw. mikrob. 3 no.1:105-108 1951. (CLML 20:11)

1. Of the Institute of General Pathology of Lodz Medical Academy.

MOSKWA, Zofia

Typhoid fever focus in a hospital.Przegl.epidem.Warsz. 9
no.1:15-19 1955.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Lodzi
Dyrektor: dr Wl.Prazmowski.
        (TYPHOID FEVER, epidemiology
            focus in hosp.)

BOCHENSKA, Jadwiga; MOSKWA, Zofia

Salmonella heidelbergi in Lodz province in 1953-55. Przegl.
epidem., Warsz. 10 no.4:293-301 1956.

1. Z Wojewodzkiej Stacji Sanitarno-Epidemiologicznej w Lodzi,
Kierownik: dr. med. Wl. Prazimowski.
     (SALMONELLA INFECTIONS, epidemiol.
          heidelberg, in Poland (Pol))

MOSKWA, Zofia

An epidemic paratyphoid fever B in Lodz in May, 1958.   Przegl. epidem.
16 no.3:341-342 '62.

1. Ze Stacji Sanitarno-Epidemiologicznej m. Lodzi.Dyrektor: dr
J. Zanski.
(PARATYPHOID FEVERS)

L 31845-66   T   JK

ACC NR: AP6021322   (A)   SOURCE CODE: PO/0081/65/019/003/0309/0313

AUTHOR: Jeljaszewicz, J.; Hawiger, J.; Czacka, J.; Cygankiewicz-Siennicka, M.;
Gorska, A.; Gulinski, J.; Hebenstreit, C.; Klimek, H.; Klapowska, K.; Krol, J.;
Lenartowicz, C.; Luft, A.; Moskwa, Z.; Nocon, I.; Pawlowska, L.; Padryca, M.; Pernal, C
C.; Pogorzelska, A.; Rodzinski, L.; Siennicki, M.; Sikora, G.; Szymanczyk, I.; Terech,
I.; Wawrzynska, M.; Wencel, Z.; Znis, A.

ORG: Institute of Bacteriology, PZH, Warsaw (Zaklad Bakteriologii); Regional and
City Sanitary Epidemiological Centers, Bydgoszcz, Katowice, Kielce, Krakow, Lodz, Opole,
Rzezov, Warsaw, Wroclaw (Wojewodzka i Miejska Stacj Sanitarno-Epidemiologiczna);
Bacteriologic Laboratory, No. 3, PSK, Wroclaw (Laboratorium Bakteriologiczny)

TITLE: Antibiotic-resistant strains of Streptococcus viridans, Streptococcus Fecalis,
Escherichia coli, Pseudomonas aeruginosa, Proteus species and Klebsiella species,
isolated in Poland in 1960-1963

SOURCE: Przeglad epidemiologiczny, v. 19, no. 3, 1965, 309-313

TOPIC TAGS: bacteriology, penicillin, streptomycin, tetracycline, erythromycin,
neomycin

ABSTRACT: Sensitivity tests of the above strains were carried out in respect to peni-
cillin, streptomycin, tetracyclines, chloramphenicol, erythromycin and neomycin. It
was found that resistance to antibiotics in Streptococci differed from that in Gram-
negative bacilli. Streptococcus fecalis was found highly resistant to penicillin and
erythromycin. Appreciable resistance to all antibiotics was noted in strains identified
as Streptococcus viridans. Resistance varied according to samples and territorial dis-
tribution. Experiments were conducted in 11 centers throughout the country simultane-
ously; results were compared with those obtained in an identical experimental series in
a single hospital environment. Orig. art. has: 2 tables. /JPRS/

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 001

Card 1/1

BRUCKNER, L.; MOSLER, I.

Urographic control during the treatment of cancer of the female
genitalia. Vop. onk. 7 no.1:25-29 '61.   (MIRA 14:2)
        (GENERATIVE ORGANS, FEMALE--CANCER)

, Jiri, MUDr.; CROH, Jan, MUDr.

a_nal carcino a arising from the Kirschner-Wagner _la_ t_c
_e _. gyn. 22[36] no.6:496-498 Sept 57.

1. nk_logicke oddeleni KUNZ Osreava v __ k_v_, _ecn__ _ _ . _b .
P. Raffersberg.
(VAGINA, neoplasms
_rickle cell epithelio_a a_t__ K_r_ h_ _ .
_ur_. using Thiersch g_a_t _ ._)
(CA__I_OMA. EPIDERMOID, etio_. _ _h_ge_.
_ickle cell epitael__ _ _ _._ k__w__ _
_. u_in_ Thi_rsch _ _ _ _ _._)

MOSLER, Jiri; BRUCKNER, Ladislav

X-ray of the ureters and kidneys in cancer of the genitalia.
Cesk.gyn.25[39] no.8:591-596 0'60.

1. Onkologicke oddeleni KUNZ, Ostrava, v Paskove, prednosta
MUDr. B. Raffersberg.
          (URETER radiography)
          (KIDNEY radiography)
          (GENITALIA FEMALE neoplasms)

BRUCKNER, L.; MOSLER, J.; TOMAS, J.; CERNY, J.; BESKA, F.

X-ray picture of the urinary bladder in gynecological carcinoma.
Cesk.rentg.14 no.6:390-395 D '60.

1. Onkologicke odd. KUNZ-Ostrava v Paskove, prednosta MUDr.
B. Raffersberg.
            (BLADDER radiog)
            (GENITALIA FEMALE neopl)

BRUCKNER, L.; MOSLER, J.; CERNY, J.; BESKA, Fr.; REK, O.

Changes in the large intestine after irradiation in gynecological cancer. Cesk. rentgenol. 15 no.5:334-343 O '61.

1. Onkologicke oddeleni KUNZ Ostrava v Paskove, prednosta prim. MUDr. B. Raffersberg.
            (GENITALIA FEMALE neoplasms)
         (INTESTINE LARGE radiation eff.)

BRUCKNER, Ladislav; BESKA, Frantisek; MOSLER, Jiri; TOMAS, Jaroslav

The kidneys and ureters in carcinoma of the rectum and sigmoid.
Roshl. chir. 40 no.12:844-850 '61.

1. Onkologicke oddeleni KUNZ Ostrava v Paskove, prednosta MUDr,
B.Raffersberg.
        (RECTUM neoplasms)   (SIGMOID neoplasms)
        (KIDNEY radiography)   (URETER radiography)

MOSLER, J.; BRÜCKNER, L. [deceased]; BESKA, F.; CERNY, J.

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