

L 43941-65

ACCESSION NR: AP3006875

- 1) o/a (o/a). $r_1 = 0, s_1 = 0, s_2 = -s_3;$
 - 2) o/a (o/a). $r_2 = 0, s_1 = -2s_2 = -2s_3;$
 - 3) o/a (o/a). $r_1 = r_2, r_1 r_2 = 0;$
- $|s_1| = |s_2| = |s_3|; s_1 + s_2 + s_3 = 0.$

(the relation is that of the earlier paper). The orientations of the pseudo-
 axes a_1, a_2, a_3 relative to the crystal axes are then
 given by the following relations (see also p. 22 of the paper).

ASSOCIATION: Institut polimirovicheskoy AN SSSR, Leningrad (Institute of Polymer
 Chemistry, AN SSSR)

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Card 8/2nd

MEDLIN, G.M.

Phase transition from a ferroelectric state into a magnetically
ordered ferroelectric state. Izv. AN SSSR. Ser. fiz. 29 no.6:890-
893 Je '65. (MIRA 18:6)

i. Institut poluprovodnikov AN SSSR.

ACC NR: AP6032482 SOURCE CODE: UR/0056/66/051/003/0949/0956

AUTHOR: Nedlin, G. M.; Shapiro, R. Kh.;

ORG: Institute of Semiconductors, Academy of Sciences SSSR (Institut poluprovodnikov Akademii nauk SSSR)

TITLE: Electromagnetic excitation of magnetoelastic waves in ferromagnetic substances

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 51, no. 3, 1966, 949-956

TOPIC TAGS: nonhomogeneous magnetic field, electromagnetic wave, external magnetic field, spin wave, elastic wave, ferromagnetism, ferromagnetic substance

ABSTRACT: A study has been made of electromagnetic excitation by a monochromatic electromagnetic wave of magnetoelastic waves in a ferromagnet with a nonhomogeneous, internal, stationary, magnetic field. It is shown that the transmission coefficient must detect the gigantic oscillations as a function of the stationary external magnetic-field strength and of the frequency of incident electro-

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magnetic waves. The problem is solved for weak coupling between the two magnetoelastic wave branches (strong coupling between the spin and elastic waves [E. Schlomann, R. I. Joseph, J. Appl. Phys., 36, 2382, 1964]) when the transition from one wave to another occurs at the sample boundary. The authors thank A. G. Gurevich for drawing attention to the paper and Ye. K. Kudinov and B. D. Laykhtman for their valuable discussions. Orig. art. has: 3 figures and 29 formulas.
[Based on authors' abstract]

SUB CODE: 20/ SUBM DATE: 21Apr66/ ORIG REF: 002/ OTH REF: 006/

Card 2/2

NEDLINA, E.M. (Saratov)

Anatomical, electrocardiographic, and clinical divergences.
Klin.med. 39 no.5:133-135 My '61. (MIRA 14:5)

1. Iz kabineta funktsional'noy diagnostiki (zav. - E.M. Nedlina)
Dorozhnoy klinicheskoy bol'nitsy Privolzhskoy zheleznoy dorogi
(nachal'nik bol'nitsy Y.M. Andreyev, nauchnyy rukovoditel' -
prof. Ye.Yu. Makhlin).

(HEART--INFARCTION)

MEDLINA, E.M., KOMRAKOVA, A.M., BELOBORODOV, R.A. (Saratov)

Case of extensive myocardial infarct of the right ventricle
with involvement of the right atrium. Klin.med. 40 no.5:141-
143 '62. (MIRA 15:8)

1. Iz kabineta funktsional'noy diagnostiki (zav. E.M. Medlina)
i patologoanatomicheskogo otdeleniya (zav. A.M. Komrakova)
Dorozhnoy klinicheskoy bol'nitsy (nach. R.F. Nazarenko) Pri-
volzhskoy zheleznoy dorogi.
(HEART.—INFARCTION)

NEDLINA, E.M. (Saratov)

Relation of arrhythmia to the localization of myocardial infarct. Klin. med. 41 no.9:124-126 S'63 (MIRA 17:3)

1. Iz kabineta funktsional'noy diagnostiki Dorozhnoy klinicheskoy bol'nitsy Privolzhskoy zheleznoy dorogi (nachal'nik R.F. Nazarenko), Saratov.

NEDLINA, E.M., vrach

Detection of cardiovascular diseases by the doctors of the therapeutic association of the Saratov-II railroad station. Sbor. nauch. rab. Sar. gos. med. inst. 44:318-320 '64.

Myocardial infarcts according to materials of the Volga Valley Railroad Clinical Hospital for 9 years. Ibid.:321-327

Systemic ossifying periostosis in chronic processes in the lungs. Ibid.:327-330

Aid for electrocardiography offices. Ibid.:331

(MIRA 18:?)

1. Iz kabineta funktsional'noy diagnostiki (nachal'nik - E.M. Nedlina) Dorozhnoy klinicheskoy bol'nitsy Privolzhskoy zheleznoy dorogi (nachal'nik - R.F. Nazarenko), Saratov.

PETUKHOV, R.M., kand.tekhn.nauk; MEDLINA, M.V.

Using the method of linear programming in scheduling the output
of articles in lot production. Vest.mash. 41 no.9:69-76 S '61.
(MIRA 14:9)

(Factory management)