

ALEXANDROV, B. [Aleksandrov, B.]

The "Balkan 250" motorcycle is prepared this way.
Auto motor 11 no.22:22 1 D '58.

ALEXANDROV, B.; BREZINA, M.; KALOUS V.

CSCR

no academic degrees indicated

Institute for Physical Chemistry, Charles University, and Polarographic
Institute, Czechoslovak Academy of Science, Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 1, 1963
pp 210-220

"Polarographic Catalytic Grade of Serum Albumen in Cobalt (II)- and
Cobalt(III) Solutions"

(3)

ALEXANDROV, Bojan, ins.

Damage caused to the poplar stands of the Danube banks and islands in Bulgaria by arvicolas (*Arvicola terrestris* L.) and possibility of their control. Les cas 10 no.6 599-600 Je '64.

1. Main Forest Administration of the Bulgarian People's Republic.

SERESZOV, V.; OGIANOV, D.; MATOVA, E.; ALEXANDROV, E.; MAKAVEYEVA, E.;
NEDELISBEVA, N.

Detection of ornithosis virus by the fluorescent antibody method,
using convalescent anti-virus abortion sheep sera. J. hyg. epidem.
(Praha) 9 no.2:253-255 '65.

1. Higher Institute of Military Medicine, Veterinary Institute of
Infectious and Parasitic Diseases, State Epidemiology Station,
Sofia.

ALEXANDROV, K.; RAITCHEV, P.

Contribution to the problem of the carcinogenic property of tobacco. Dokl. Bolg. akad. nauk 16 no.3:329-332 '63.

1. Note presentee par D. Orahovats.
(LUNG NEOPLASMS) (SMOKING)
(NEOPLASMS, EXPERIMENTAL)

ACCORD: AP30:6721	SOURCE CODE: RU/0011/65/018/002/0173/0174
AUTHOR: Alexandrov, L.	13
ORG: Institute of Oncologic Research, Sofia (Institut de Recherches oncologiques)	
TITLE: RNA/DNA studies in the lungs of rats exposed to cigarette fumes	
SOURCE: Bolgarska akademiya na naukite, v. 18, no. 2, 1965, 173-174	
TOPIC TAGS: RNA, DNA, biochemistry, experiment animal, respiratory system, toxicology, poison effect	
<p>ABSTRACT: Leichtenhaner carried out morphological studies of various lung tissue of fume-exposed animals and discovered various changes (Cancer, Vol 13, 1960, No 4). The present brief article presents tabulated results of the study of the RNA/DNA ratio in the lungs of rats exposed (12 to 20 months) to cigarette fumes. In addition to morphological changes the RNA/DNA ratio decreased noticeably (from about 3 for control animals to below 0.5 for rats exposed 20 months to cigarette fumes). The work was presented by P. Ralov, 8 Oct 64. Orig. art. has 1 table. [JPRS]</p>	
SUB CODE: 18	SERI DATE: 080016 / CTR REF: 003 / SOV REF: 001

Cond 1/1

ALEXANDROV, K.

Research on the RNA/DNA ratio in the lungs of rats after inhalation of cigarette smoke. Dokl. Bolg. akad. nauk 18 no.2: 173-174 '64

1. Submitted on October 8, 1964.

RAICHEV, R.; ALEKANDROV, Kr.

Oestrogenic substances contained in the fatty tissue of a mammary gland affected by carcinoma, compared with the morphological changes in its parenchyma. Neoplasma 8 no.3:247-252 '61.

1. Oncological Scientific Research Institute, Sofia, Bulgaria.

(BREAST NEOPLASMS metab) (ESTROGENS metab)

ALEXANDROV, N. M.

Traumatic defects of the auricle and methods of their repair.
Acta chir. plast. (Praha) 6 no.4:302-312 '64.

1. Department of Faciomaxillary Surgery and Stomatology of the
Kirov Military Medical Academy, Holder of the Order of Lenin,
Leningrad (U.S.S.R.) (Director: Prof. M.V. Mukhin).

ALEXANDROV, VI.

"Introduction to the theory of analytic functions of multiple complex variables" by B.A.Fuks. Reviewed by VI. Alexandrov. Fiz. mat. spiritie BAN 6 no.1:72 '63.

ALEXANDROW, E.; SIMOVA, P.; SAMATINOWA, I.

Potentially carcinogenic substances in the cigarette smoke. Presence of 3,4-benzopyrene. Neoplasma 8 no.6:575-576 '61.

1. Onkologisches Forschungsinstitut und Institut für Physik der Bulgarischen Akademie der Wissenschaften Sofia, Bulgarien.

(BENZOPYRENES) (SMOKING)

ALEXANDROWICA, S.: P

GEOGRAPHY & GEOLOGY

Periodicals: Acta Paleontologica Polonica, 1958

ALEXANDROWICA, S. The Upper Cretaceous tufaceous deposits in
the Miechow syncline. p. 213

Monthly List of East European Accessions (EEAI) LC. Vol 8, No.4
April 1959, Unclass

ALEXANDROWICZ, BOLESŁAW W.

Alexandrowicz, Bolesław W. Roslinność dna lasu; przewodnik dla taksatorów
leśnych. Ryciny wykonał Jan Witkowski. Warszawa, Państwowe Wydawn. Rolnicze i
Leśne, 1951. 764 p. (Flora of the forest. Illus., bibl., index)

SC: Monthly list of East European Accessions, IC, Vol. 3, No. 1,
Jan. 1954, Uncl.

ALPHABETICALLY INDEXED.

7. political mobilization of the forest of the ... 114
R. G. G. I. A. G. G. G. (Institut Research Development and ...)
Version ... 114, 1991

So. East European Republics List ... Vol. 1, ... 1991

ALEXANDROWICZ, B.

Marginal remarks on S. Hyczkowski's paper "Classification of Localities in Mountain Forests." p. 77

SYLWAN (Miesięcznik Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland, Vol. 103, no. 1, Apr 1959

Monthly List of East European Accessions (MEA) LC, Vol. 8, no. 9, September 1959.
Uncl.

ALEXANDROWICZ, Boleslaw W.

A typological conference in Kharkov. Sylwan 56 no.1:91-94 Ja-F '62.

ALEXANDROWICZ, S.

Breeding pigs from the winter brood. p. 24. (PLOW. Vol. 4, No. 11, Nov. 1953.)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April, 1954

ADMINISTRATIVE, STEPHEN.

ADMINISTRATIVE, STEPHEN. Przemysłowy tuż trzody chłownej. (Ind. 2. popr.
i 1. 1957. 211 p. (Industrial fattening of swine. 2d rev. and enl.
ed.)

DL Not in DDC

AGRICULTURE
Ireland

10: East European Session, Vol. 6, No. 5, May 1957

ALEXANDROWICZ, S.

The basic principles of building in the field of swine breeding.

p. 15 (Budownictwo Wkejskie) Vol. 7, no. 2, Mar./Apr. 1955, Warszawa, Poland

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

ACZKA, JAN, 1911, 1911

jak zwykle trzeci chorw. (opu. 2) wina, państw. ogrodn. rolnicze i Leona,
1911. 1911. (Paw to feed wine. 20. a.)

11

Not in LCC

11: Monthly Index of European Accessions (A11.) 1911, No. 11, November 1911

ALEXANDROWICZ, S., prof. dr; BILSKI, E.; MARUNIEWICZ, W.; ZWOLINSKI, J.

Absolute weight as indicating the leanness of the bacon pig carcass. Rocznik nauki rolniczo-zootechnicznej 84 no.1:1-9 '64.

1. Department of Specific Animal Breeding of the School of Agriculture, Poznan. Head:prof. Alexandrowicz.

ALEXANDROWICZ, S.

Report on the activities of the Polish Geologic Society for
1961/62. Roczn geol Krakow 33 no. 4:561-569 '62.

© 2004 Blackwell Publishing Ltd *Journal of Internal Medicine* 255: 103–110

2. With resistance to the disease in 1955, 1956, 1957 and 1958 49.3, 53.76, 56.5, 56.5%.

U.S. Department of Commerce and International Trade Administration
 1400 Constitution Avenue, N.W., Washington, D.C. 20530, Fed. reg.

Printed and Published by the Author, at the "Globe," No. 10, Nassau Street, New York.

ALEXANDROVICH, I.

A diagram of vertical tectonic fissures and the method of construction it.

P. 315 (Przeglad Geologiczny, Vo. 4, no. 7, July 1956, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) L3. Vol. 7, no. 2,
February 1958

ALEXANDROWICZ, S.

Assemblages of the Globotruncana in the Turonian of the Krakow region.
p. 41. ACTA GEOLOGICA POLONICA Warszawa, Poland Vol. 6, No. 1, 1956

SOURCE: East European Accessions List (EEAL) LC VOL. 5, No. 6,
June 1956

ALEXANDROWICZ, S.

GEOGRAPHY & GEOLOGY

Periodical: KWARTALNIK GEOLOGICZNY. Vol. 2, no. 1, 1958.

ALEXANDROWICZ, S. Outline of the microfauna stratigraphy of the Miocene of the Silesia-Krakow region. p. 54.

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

Country	: Poland	D
Category	: Cosmochemistry, Geochemistry, Hydrochemistry.	
Pub. Jour	: Zeszyty Naukowe -- Geologia, No 13, 1969	45377
Author	: <u>Aleksandrowicz, G. and Paruchoniak, W.</u>	
Institut.	: Not given	
Title	: Upper Cretaceous Tufogenic Formations in the Niechowek Syncline	
Orig. Pub.	: Acta Geol Polon, 8, No 2, 215-244 (1960)	
Abstract	: The authors have observed in the lower part of the upper 'Komin' (break 2) of the Niechowek syncline the presence of marls interbedded with tuffs and tuffites which have been almost completely metamorphosed into bentonite with montmorillonite structure (with inclusions of volcanic glass). The authors have made a faunistic correlation of the interlayers as well as given a microscopic description and chemical and thermal analysis data. It is suggested that the ash material was	
Part:	1/2	

ALEX. LEKOWICZ, S.

The Upper Cretaceous sediments in Nowa Cerekwia near Murzyce.
p. 155

Polskie Towarzystwo Geologiczne. PRACE. Krakow. POLAND
Vol. 27, no. 2, 1959

Monthly List of East European Accessions (MEEA) LC Vol. , no. 2, Feb. 1960

Uncl.

ALEXANDROWICZ, Stefan

The age of transgressive Miocene deposits at Mazancowice near
Bielsko. Kwartalnik geol 3 no.3:662-676 '59. (EEAI 9:7)

1. Gornoslaska Stacja Terenowa Instytutu Geologicznego
(Poland--Geology) (Carpathian Mountains)

ALEXANDER, Stefan. Field: CHEN, H. H.

Lithologic characteristics of Cretaceous deposits in Poland near
Krzeszowice, near pool Krakow. In: Lithology, 1964.

1. Department of Geology of the School of Mining and Metallurgy,
Krakow.

ALEXANDROWICZ, Stefan; WROCHNIAK-STOPKA, Wanda

Phosphorite concretions in the Turonian sediments of the Krakow region. Kwartalnik geol 3 no.1:197-206 '59. (EBAI 9:8)

1. Stacja Gornoslaska I.G. Zaklad Surowcow Mineralnych A.G.H.
(Poland--Phosphorites)

ALEXANDROWICZ, S.

Stratigraphic position of the Tertiary evaporites formation in the Southern part of the Upper Silesian Basin. Bul geolog PAN 9 no.1: 45-51 '61.

1. Department of General Geology, School of Mining and Metallurgy, Cracow. Presented by W. Goebel.

(Geology) (Silesia)

ALEXANDROWICZ, Stefan

Stratigraphy of the Chodenice and Grabowiec beds at Chelm on the Raba river. Kwartalnik geol 5 no.3:646-667 '61.

1. Karpacka Stacja Terenowa Instytutu Geologicznego.

ALEXANDROWICZ, Stefan Witold; SIUSARCZYK, Danuta

Occurrence of Tertiary formations under the chalk of Kornica
near Biala Podlaska. Przegl geol 11 no.1:38-39 Ja '63.

1. Akademia Gorniczo-Hutnicza, Krakow.

ALFANDROWICZ, Stefan Withold; GEROCH, Stanislaw

Association of small Foraminifera in the Eocene of the Tatra.
Roczn geol Krakow 33 no.1/3:219-228 '63.

1. Katedra Geologii, Akademia Gorniczo-Hutnicza, Krakow, 1
Katedra Geologii, Uniwersytet Jagiellonski, Krakow.

ALEXANDROWICZ, Stefan Witold

Lower Tortonian sediments in Brzezówka near Cieszyn. Kwartalnik
geol 7 no.2:319-336 '63.

1. Instytut Geologiczny, Karpacza Stacja Terenowa, Krakow.

ALBAINOWICZ, Stefan Witold; KRACH, Wilhelm

The Lower Tertiary from Przeciszow near Oswiecim. Roczn.
geol. Krakow 33 no. 4:493-515 1963.

1. Department of Geology and Palaeontology, School of Mining
and Metallurgy, Krakow.

50004

ZAK, Ch.; ALEXANDROWICZ, S.

Thirty-fifth Congress of the Polish Geologic Society held in
Nielce, September 16-19, 1962. Rozn geol Krakow 33 no. 4:551-560
1963.

ALEXANDROWICZ, Stefan Witold

Miocene tectonics in the Upper Silesian Basin. Acta
geol Pol 14 no.2:175-231 '64.

1. Department of Geology, School of Mining and Metallurgy,
Krakow.

ALEXANDROWICZ, Zofia

Carboniferous Foraminifera from Kozłowa Góra near Bytom in Upper
Silesia. Kwartalnik geol 3 no.4:869-881 '59. (EEAI 10:1)

1. Zakład Geologii Ogólnej Akademii Górniczo-Hutniczej
(Silesia--Foraminifera)

DIMITHESCU, Mircea, ing., cercetator; ALEXANDRU, A., ing.

Designing ferroresonant stabilizers with alternating tension.
Automatica electronica 6 no.1:22-29 Ja-F '62

1. Șef de Laborator la Institutul de Cercetari Electrotehnice (for Alexandru).

ALEXANDRU, B.

Results in production; the main criterion of the cultural and educational work. Munca sindic 6 no.7:20-23 J1 '62.

Supp.

EDUARD, Gheorghe, ing.; FRANCISC, Boros, ing. ~~ROSELIENE~~, ing. . .
 "Mondial" Factory, Lugoj, ing. SANDA C.; RADULESCU, C. OLTEANU, C., ing.
 IONESCU, Ion; ALEXANDRU, Bogdan; Cvasnilevski, T.; NITU, V.I., ing.

Reserves of reduction of material consumption in constructions.
 Problems econ 18 no.2:152-157 F '65.

1. Director, "Laminorul" Plant, Braila (for Eduard). 2. Director,
 "Mondial" Factory, Lugoj (for Francisc). 3. Head of the Technical
 Office, "Mondial" Factory, Lugoj (for Roseliese). 4. Director,
 Scaeni Glass Factory (for Vasile). 5. Director, "Victoria" Dis-
 trict Enterprise of Local Industry, Tirgoviste (for Sanda). 6.
 Chief Engineer, "Victoria" District Enterprise of Local Industry,
 Tirgoviste (for Radulescu). 7. Director, Regional Trust for
 Constructions, Arges (for Olteanu). 8. Chief Engineer, Regional
 Trust for Constructions, Arges (for Ionescu). 9. Director,
 Regional Trust for Local Constructions, Bucharest (for Alexandru).
 10. Chief Engineer, Regional Trust for Local Constructions,
 Bucharest (for Cvasnilevski). 11. Director, Institute for Power
 Projects and Studies, Bucharest (for Nitu).

ALEXANDRU, C., conf. ing.; BUMBARU, S., ing.; IOSIFESCU, C., ing.;
IONESCU, St.

Combined power equipment consisting of gas generators with
free pistons and gas turbines set up on board ships, and
their behavior during operation. Rev transport 9 no. 3:97-103
Mr '62.

TANASE, G., lector univ. (Bucuresti); ALEXANDRU, D., lector univ. (Bucuresti)

Aspects of the development of industry in Rumania during the years of the people's regime. Natura Geografie 15 no.2:3-9 Mr-Apr '63.

ALEXANDRU, D., lector univ. (Bucuresti)

The economic map of Rumania. Natura Geografie 15 no.2:88-89 Mr-Apr
'63.

TANASE, Gh., lector univ. (Bucuresti); ALEXANDRU, D., lector univ.
(Bucuresti)

Development of Rumanian industry in the first half of the
six-year plan. Natura Geografie 16 no. 1:8-20 Ja-F '64.

ALEXANDRU, Dinu

In accord with the specific conditions of the state farms.
Munca sindic 7 no.9:41-43 S '63.

1. Presedintele comitetului sindicatului de la Gospodariile
Agricole de Stat Perisoru, regiunea Bucuresti.

ALEXANDRU, Gh., ing.

Water drainage methods in coal mine operations. Rev min 15
no. 5/6:267-271 My-Je '64.

ALEXANDRU, I.

"Common funds."

p. 19 (Drumul Belsugului) No. 11, Nov. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4,
April 1958

PETRESCU CRETU, I., ing.; ALEXANDRU, I., ing.

Timbering of the galleries of the "16 February" Hydroelectric
Power Station, Arges, by means of rock bolts. Rev min 14 no.9:
384-389 8 '63.

ALEXANDRU, Ion

Exemplary fulfillment of the cooperation plan in the care of the regional trade-union committees. Munca sindic 7 no.2;9-11 F '63.

1. Presedinte al Consiliului regional al sindicatelor, Ploiesti.

ALEXANDRU, Ion

In support of the enterprises for the elimination of the stock of materials exceeding the norm. Munca sindic 6 no.9:18-20 S '62.

1. Presedinte al Consiliului regional al sindicatelor, Ploiesti.

ALEXANDRU, L.; CIOBANU, V.; COSTIAN, D.

Fibers from polypropylene. Note 1. Rev chimie Min petr 14 no.9:
515-519 S '63.

BUTACIU, Florica; ALEXANDRU, I.

Separation and purification of polyvinyl alcohol after the
hydrolysis operation. Rev. chimie Min petr 14 no.10:596-
599 0'63.

ALEXANDRU, Z. M.

1947/1948

[illegible]

Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Form. 21, 7, 7, Polyphosphate.

Abstracts. This collection of articles is intended for students and researchers interested in macromolecular chemistry.

[illegible]

Partridge, S. J., Dr. J. Durbin, R. P. Sorenson, S. J. Southworth, and
C. J. Kachava (MEX). Polymerization of the α -halo acids Esters in
the Presence of Carbon Dioxide

...tion, *etc.* (Germany). On the Subject of Mixed Perfluor-Formaldehyde
Formable Plastics

Abel, L. H., and L. S. Redburn (1938). On the Heterogeneous Method of the Condensation

Wittich, 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 259

Chloride of Diacetyls and Diamine in the Process of Fiber Formation

11. STANLEY, J., and E. BAKER (Dunelm). Synthesis of Polyureids by
Self-Condensation of Polyurethane 1957

Eleonore A. A., G. A. Lernerich, and S. A. Perina (MSR). The catalytic action of some ketals depends on the formation of

Lalet, P., and R. Chermak (Czechoslovakia). Some Problems of Poly-

Colubana, A. L., E. P. Comaroff, and A. A. Vassarelli (1958). Copolymers

File D., and M. Kolinsky (Cooperativa). Chain Transfer Reactions in

Polysacchar. (Cerebrosides). Study of the Kinetics of Dispersion

convection in a column containing an aqueous solution with a linear density gradient: Thermal Insulator, i.e. L. Valtys (Goskhozstatiz). Thermal

STANDARDIZATION OF POLYMERIZATION

6/6 pure

100

Epton, M. M., T. M. Kiseleva, and P. E. Florinelly (USSR). The Effect of Chemical Structure on the Polymerization Activity of the Unsaturated

Organometallic Compounds
Tol'Fengblom, H. V. (USN). Cooperative Processes in the Polymerization of **Stilbene**

Card 6

10

R/003/62/013/005/001/001
D272/D308

AUTHORS: Alexandru, L., and Opris, M.

TITLE: Synthesis of polyvinyl alcohol. VII. The influence of the polymerization medium of vinyl acetate

PERIODICAL: Revista de Chimie, București, no. 5, 1962, 279-281

TEXT: The influence was studied of various media used in the polymerization of vinyl acetate--aliphatic and aromatic hydrocarbons, alcohols, polyalcohols, ketones, and esters--upon the polyvinyl alcohol obtained by hydrolysis of the resulting polyvinyl acetate. The polymerization was carried out under constant conditions, with vinyl acetate solvent ratio of 1:1, at 60°C, using 0.5% azodiisobutyronitrile as the initiator. It was found that the presence of alcoholic groups strongly reduced the degree

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Synthesis of polyvinyl...

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D272/D308

of polymerization, although at higher concentrations of these groups in the system the degree of polymerization was higher than that obtained with hydrocarbons. Polyacetates and polyalcohols of various molecular weights have been obtained by charging the solvent in which vinyl acetate was polymerized, the highest molecular weights being obtained with glycerine. The degree of branching was also affected by the medium, being lowest for the ketones. In addition, the use of the lower ketones increased appreciably the degree of crystallinity of both polyvinyl acetates and polyvinyl alcohols. There are 2 figures and 6 tables.

Card 2/2

ALEXANDER, I.; BUTACIU, F.

Synthesis of polyvinyl alcohol. Note 6. Inverse
hydrolysis of polyvinyl acetate by polyvinyl alcohol.
Rev chimie Min petr 13 no.2:80-83 F '62.

ALEXANDRU, L.; PETROIANU, S.

Aspects of drying polyethyleneterephthalate granules. Rev chimie Min
petr 13 no.11:675-678 N '62.

ACCESSION NR: AP042118

R/0003/64/015/006/0333/0337

AUTHOR: Alexandru, L., Balint, I.

TITLE: Synthesis of polyvinyl alcohol for synthetic fibers. Note 11: obtaining polyvinyl alcohol with a regular structure

SOURCE: Revista de chimie, v. 15, no. 6, 1964, 333-337

TOPIC TERMS: polyvinyl alcohol, polyvinyl acetate, polymerization, polymer, regular structure, halogenic acetate

ABSTRACT: Recent preoccupation in the field of the synthesis and processing of polyvinyl acetate used in the manufacture of polyvinyl alcohol fibers can be summarized, according to indications in technical literature, in two chapters; a) control of the polymerization process to obtain a polymer with a regular structure; and b) changes in the technology of obtaining polyvinyl alcohol fibers in order to improve their physico-mechanical properties and lower their cost. The paper attempts to elucidate one of the means by which an increase in the crystallinity of polyvinyl alcohol can be obtained. It describes the polymerization of halogenic acetates of vinyl and the structural changes in polyvinyl alcohol produced by these polymers. The paper is in three parts: synthesis and purification of halogenic acetates of vinyl, obtaining and purifying polyhalogenic

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ACCESSION NR: AP4042118

acetates of vinyl, total hydrolysis of these polymers and a study of crystalline changes in the obtained polyvinyl alcohol: Orig. art. has: 28 figures and one table.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: 00, 00

NO REF SOV: 000

OTHER: 019

Card 2/2

ALEXANDRU, M.

"Propulsion of Planes with Great Speed." P. 20. (AVIATIA SPORTIVA, Vol. 5, No. 5, May, 1954, Bucuresti, Romania.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

ALEXANDER, M. (Enclosure)

The Republic of Guinea. Natura Geografica 13 no. 2 10-93 Ky-Je '61.

23983
R/007/61/012/002/001/003
D226/D304

39300

AUTHOR: Alexandru, M., Engineer

TITLE: Progress in seismic investigations

PERIODICAL: Petrol și gaze, v. 12, no. 2, 1961, 57-68

TEXT: The article describes a few new techniques used in seismometry to improve recording of seismic waves, as well as results obtained in Rumania in arranging geophones and shooting points, and selecting the optimum characteristics of the equipment involved. First experiments with arranged geophones were conducted by the author in the difficult conditions of the South-Bucharest zone in 1957. 3 to 12 geophones were used on a channel, arranged in groups. The recordings were accomplished by "SS - 26 - 51 D" seismic stations. In later experiments the author employed a linear arrangement of the geophones on a basis of 60 m. This arrangement gave good results. During the experiments conducted in the South-Bucharest zone, it was determined that the apparent impulse period increased together with an increase in the distance between the geophones

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Progress in seismic investigations

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of a channel. An increase in the number of geophones was directly proportional to the reduction of the dephasing. In the arrangement of geophones, no standardization of characteristics was possible. Errors and correlation difficulties could be explained by the distorted recording due to the non-homogeneity of the low-velocity zone and the accidental relief of this zone, a fact which reduced the accuracy of investigations. One of the shortcomings noted by the author in describing arrangement techniques was the insufficient volume of combinations of arranged geophones and arranged explosions and the low volume of experiments conducted by using explosive arrangements. A new combination of the arrangement of geophones and shootings led to an improvement equal to the square of the improvement obtained by only one type of arrangement. This was proved by investigations conducted by the NTV method at the Loessiana Platform. The simultaneous shooting of 40 kg of dynamite to a depth of 10 m and distributed to 16 holes, supplied the same result as 505 kg of dynamite placed in one hole at a depth of 51 m. The holes of the arrangement were located in a 900 m² area, at 10 m from each

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other. On the basis of experiments conducted in the South-Bucharest zone, the following conclusions could be drawn: a) The distribution of the generating points on the surface should be uniformly accomplished and the produced impulses should be as identical as possible; b) For every zone there exists a minimum limit of shooting holes; c) The distance between the holes should be selected so that the action radii of the impulses do not mutually superpose. With regard to the location of shooting points, the author distinguishes between linear arrangement, square-shaped arrangement, and circular arrangement. The shape of the charge and the height of the explosion directly affects the results obtained by air shooting. On the basis of experiments, the author recommends the use of controlled shooting, the selection of the optimum explosion height and the use of conical charges or flat cylindrical charges. The hypotheses worked out by the Soviet VNIG laboratory were experimentally verified by using charges of various shapes and weight, the value of the specific impulse being determined according to the distortion of a number of cylindrical copper columns. This arrangement technique leads to an increase in the useful wave's intensity and to reducing disturbances.

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Progress in seismic investigations

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The most important problem is the generation of elastic waves. Good recording depends on the shape of the charge, the shooting conditions, and the medium in which the shooting takes place. Conical charges had a higher effect than cylindrical ones, and the more the height/diameter (H/D) ratio dropped, the more the explosive effect increased. Experiments were done under R. Blum in the Alexandria region with cylindrical charges ($H \approx 6R$) having a conical cavity in the bottom. Clear seismograms were obtained, although the shooting depth was only 7 m. Results of the same quality were obtained with a reduced quantity of explosives, by performing surface shootings. The author finally mentions that magnetic tape recordings will also improve seismic investigations. There are 13 figures, 1 table and 13 references: 10 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: I.W. Hammond and I.E. Hawkins, For the Production of the Best Results with the Aid of the Actual Seismic Apparatus, Geophysics, vol. XIII, no 4, 1958.

SUBMITTED: September 19, 1958

Card 4/4

ALEXANDRU, Madeleine

Karstic phenomena in the calcareous tufa in the Barsec Depression.
Problems geog 7:255-257 *60. (KEAI 10:3)
(Romania--Volcanic ash, tuff, etc.)

POPOVA-CUCU, A. (Bucuresti); ALEXANDRU, M. (Bucuresti)

"The lower limit of the Quaternary and its stratigraphic position in the East European Plain" by V.P. Grichuk. Reviewed by A. Popova-Cucu and M. Alexandru. Natura Geografica 13 no.4:86-89 J1-ig '61.

ALEXANDRU, Madeleine

The Sibiu Depression; some preliminary geomorphological observations.
Problems geog 9:289-296 '62. (publ. '63)

ALEXANDRU, Madeleine

"The geographical importance of pollen analysis" by M. Van Campo,
H. Elhail. Reviewed by Madeleine Alexandru. Probleme geog 9:
356-358 '62. (publ. '63)

POPOVA, A. (Bucuresti); ALEXANDRU, M. (Bucuresti)

"Palynology in the U.S.S.R." by N.I. Neistadt. Reviewed by
A. Popova, M. Alexandru. Natura Geografie 14 no.6:85-86
N-D '62.

ALEXANDRU, M., ing.; BLUM, R., ing.; DOICIN, D., ing.

Considerations on the study of the superficial zone in seismic prospecting. Petrol si gaze 14 no.1:1-9 Ia '63.

ALEXANDRU, M., ing.; BLUM, R., ing.; DOICIN, D., ing.

Use of nonlongitudinal profiles for continuous correlation in seismic prospecting. Petrol si gaze 14 no.3:113-118 Ja '63.

ALEXANDRU, Marin

~~Source: (In copy); Given Name~~

Country: Rumania

Annals Degree: Engineer

Affiliation: "Alex Sahia" Studios (Studioul "Alex Sahia").

Source: Bucharest, Stinta si Tehnica, No 3, Mar 1961, pp 28-29.

Data: "The Film in Technique and Science."

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R/002/61/000/009/010/012
0015/0105

AUTHOR: Alexandru, Maria, Engineer

TITLE: The "time microscope"

PERIODICAL: Știință și Tehnică, no. 9, 1961, 22 - 23

TEXT: The author briefly describes slow-motion photography and various cameras used for this purpose. The conventional motion-picture cameras can only be used for a maximum speed of 200 - 300 frames per sec. For industrial or scientific purposes, however, considerably higher speeds may be obtained by special devices or cameras. A speed of up to 40,000 frames/sec can be achieved by a continuous motion of the film and by using optical compensation of the film motion. The 16-mm Soviet S.K.S.-1 cine camera is used for frequencies of 150 - 4,000 frames/sec, whereas the Z.L.1 cine camera made in the GDR can be used for 250 - 2,000 16 x 22-mm frames/sec. By reducing the size of the frames to 4 x 4.5 mm, the Z.L. 1 camera can make 40,000 frames/sec, using a 35-mm film. Drum-type cine cameras, with or without optical compensation, can make 5,000 18 x 24-mm frames/sec. By reducing the height of the frames to 8 mm each, drum-type cameras with optical

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The "time microscope"

compensation achieved a speed of 100,000 frames/sec. Very high speed may be obtained by a system of "optical commutation", where the film stands still while the successive images of the subject "sweep" the film surface. The Soviet S.F.P. camera has a filming frequency of 2,500,000 frames/sec, each frame being 5 x 5 mm. The method of decomposing the images into small surfaces distributed on the photo-sensitive film according to a given "code", makes it possible to increase the filming speed to 100 million frames/sec. However, this high-speed photography requires very good lighting. Some other difficulties are due to the synchronization between the run-off of the photographed phenomena and the operation of the cine cameras. Synchronization may be achieved by electronic-optical, electro-mechanical, acoustical and electrothermal devices, controlled by the photographed action, which release the camera and the lighting system. There are 8 figures.

ASSOCIATION: Studioul cinematografic "Al. Sahia" ("Al. Sahia" Motion-Picture Studio)

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RUMANIA

(2 of 2)

ALEXANDRU, I.

Why a correct specification of building materials is necessary.

p. 2
Vol. 8, no. 343, Aug. 1956
CONSTRUCTORUL
BUCURESTII

SO: ' Monthly List of East European Accessions (EAL), LB, Vol. 5, no. 12
December 1956

SILIANU, E., conf. ing.; ALEXANDRU, P., ing.

On the assembling conditions of the planetary mechanisms with double satellites. Constr mas 15 no.5:388-391 My '63.

1. Institutul politehnic, Brasov. 2. Sef lab. Institutul politehnic, Brasov (for Alexandru).

ALEXANDRU, Paraskev [Alexandru, P.], general-leutenant

Radio amateurism in the Rumanian People's Republic. Radio no.12:13
D '58. (MIRA 11:12)

1. Prodavatel' Tsentral'nogo komiteta Obshchestva sozvestviya oborone
Rumynskoy Narodnoy Respubliki.
(Rumania--Radio, Shortwave)

UNGUREANU, St.; ALEXANDRU, P.

Development of the innovator movement in industry.
Problems econ 15 no.7:31-44 J1 '62.

DEAGHICI, Ion, ing.; JULA, Alexandru, ing.; ALEXANDRU, Potre, ing.

Unification of testing methods of automobile telescopic dampers. Rev transport 11 no.2:71-74 P '64.

ALEXANDRU, St., Ing.

Electric psychrometer for remote control and measurement
of parameters related to wood drying systems. Ind lemnului
15 No. 3:87-90 Nr '64.

AT 10:00, 06.1.1971.

10.1.1971

Installation for extraction of information from the
thermal treatment of wood. Test series 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
and 11.

BUCHHEIM, L., Ing.; FUCHS, A., Ing.; and WITTE, L., Ing.

Determining the oscillation damping parameter of motor
suspension. Construction of the system (Fig. 1).

Alexandru, S.

ALEXANDRU, S.

ALEXANDRU, S. Automatic machine for industrial painting. p. 308.

Vol. 5, no. 6, June 1956.

I DUSTRIA LEBELUI.

TECH. CLASIF.

RUMANIA

So: East European Accession, Vol. 5, No.5, May 1957

DONZOS, Andres; ALEXANDRU, Son; NEICU, Valentina

Cooperation of the physician with the psychologist in the
activity of psychiatry adults,. Rev psihologic 9 no.1:
37-49 '63.

ALEXANDRU, Stefan, ing.

Each day used in a high-efficiency way! Constr Buc 16 no.744:1 11 April
'64.

ALEXANDRU, St., conf. ing.; DOGARU, V., asist. ing.

Automatic installations for feeding the machine tools and putting
the processed parts in packets. Ind lemnului 15 no.6/7:219-226
Je-Jl '64.

ALEXANDRU, V.

ROMANIA/Pure Animals. Bumblebees

7-6

Abstr Jour : Bee News - Bk. 11, 1958, No 30138

Author : Foti, E., Barne, I., Ognitici, M., Balnea, A., Alexandru V.,
Tolmachevskii A., Foti I.

Instr :

Title : Experimental Data Regarding Feeder Colonies Organized
with Queens which Hibernated Outside of Winter Quarters

Orig Pub : Agriculture, 1957, No 6, 1-9

Abstract : The method of using auxiliary queens (AQ) during productive years resulted in a 25-30 percent increase of honey being collected in Romania. In unproductive years, the increase amounted only to 12-15 percent, for a considerable part of honey crops had to be spent for bee colonies for the period of their hibernating with AQ. A new method of hibernating of queens outside of winter-quarters is proposed. During spring, one or more temporary colonies (TC) are organized from a strong basic colony (BC) with queens which hibernated

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outside of winter quarters. At the onset of winter season, TC are united with BC. An equal number of BC and TC was formed from 50 bee colonies at 3 experimental stations in Romania in April of 1955. TC were supplied with queens which hibernated outside of winter quarters. For the winter season of 1955/1956 the above-mentioned auxiliary colonies weighing 3-5 kg were used; here, the winter bee losses were lower by 140 percent than in control colonies. The final reproduction was lower by 2.5 kg per each kg of bees in test colonies as compared to control colonies. When 2 TC were formed from each BC in another experiment, a total crop of 128.5 kg of honey was obtained (30.4 kg being a commercial quality), while only 84.8 kg of commercial quality honey could be obtained from control bees. In another experiment, involving one of the TC, 68.5 kg of commercial quality honey were collected. --N.A. Kuznetsov

Country : ROMANIA
 Category : Farm Animals.
 The Honeybee.
 Abs. Jour : Ref Zhur-Biol., No 21, 1956, 66943
 Author : Barac, I.; Bolcas, A.; Alexandru, V.
 Institut. : -
 Title : The Effectiveness of Migratory Apiculture.
 Orig Pub. : Apicultura, 1957, No 7, 4-8
 Abstract : During the investigations of Rumanian experimental stations in 1953-1956, the results of transferring apiaries within various distances were compared. At first, migrations proved to be unprofitable; shipping costs per 1 kg of honey from a migratory apiary exceeded the costs from a control apiary by 18 times. In 1956, after collecting 19.1 kg from acacia trees, the experimental group collected on the average 15.4 kg per colony from linden trees
 Card: 1/2

Country	: RUMANIA	Q
Category	: Farm Animals. The Honeybee.	
Abs. Jour	: Ref Zhur-Biol., No 21, 1953, 96943	
Author	:	
Institut.	:	
Title	:	
Orig Pub.	:	
Abstract	: from 23 June to 11 July, and 12.1 kg from sunflowers from 18 July to 3 August; a total of 46.6 kg. The control group collected 10.75 kg from acacia trees and 13.4 kg from sunflowers, a total of 32.15 kg, i. e., 14.15 kg less. It was shown that migratory apiaries are highly effective, provided blooming time and shipping costs of bee colonies are properly taken into account. -- V. A. Kanzyuba	
Card:	2/2	

