

<p>Lebedev, S. V. PREPARATION OF BUTADIENE DIRECTLY FROM ALCOHOL. [1961] 25p. 29 refs. Order from OTS or SLA \$2.60                      61-18060</p>	<p>61-18060 I. Lebedev, S. V.</p>
<p>Trans. of Zhurnal Obshchei Khimii (USSR) 1933, v. 3, p. 698-717.</p>	<p>61-1805</p>
<p>DESCRIPTORS: Butadienes, Synthesis, Alcohols.</p>	<p>Office of Technical Services</p>
<p>(Unannounced)</p>	

<p>Lebedev, S. V., Gorin, Yu. A. and others. MECHANISM OF THE CONTACT CONVERSION OF ALCOHOLS TO DIENE HYDROCARBONS. [1961] 18p 21 refs. Order from OTS or SLA \$1.60                      61-18200</p> <p>Trans. of Sinteticheski Kauchuk (USSR) 1935 [v. 4] no. 1, p. 8-27.</p> <p>DESCRIPTORS: Alcohols, Decomposition, Hydro- carbons, Butadienes, Dienes, Synthesis.</p> <p>(Unannounced)</p>	<p>61-18200</p> <p>I. Lebedev, S. V. II. Gorin, Yu. A.</p> <p>017151</p> <p>Office of Technical Services</p>
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<p>Lebedev, S. V., Gulyeva, A. I., and Vasil'ev, A. A. HYDROGENATION OF VINYLACETYLENE. [1961] 14p. 17 refs. Order from OTS or SLA \$1.60      61-18100</p>	<p>61-18100 I. Lebedev, S. V. II. Gulyeva, A. I. III. Vasil'ev, A. A.</p>
<p>Trans. of Zhurnal Obshchei Khimii (USSR) 1935, v. 5, p. 1422-1433.</p>	<p>61-18100</p>
<p>DESCRIPTORS: Vinyl radicals, Acetylenes, Hydrogenation.</p>	<p>Office of Technical Services</p>
<p>(Unannounced)</p>	

<p>Lebedev, S. V. and Orlov, S. M. RESEARCH ON POLYMERIZATION. XV. POLY- MERIZATION OF 2-BUTENE. [1961] 6p. 12 refs. Order from ODS or SLA \$1.10      61-18099</p>	<p>61-18099 I. Lebedev, S. V. II. Orlov, S. M. III. Title Polymerization</p>
<p>Trans. of Zhurnal Obshchei Khimii (USCR) 1935, v. 5, p. 1589-1594.</p>	<p>217130</p>
<p>DESCRIPTORS: Polymerization, Butenes</p>	<p>Office of Technical Services</p>
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Some Anomalies in the Behavior of Metals Heated by  
High-Surge Pulses, by S. V. Lebedev, S. E. Khaikin.

RUSSIAN, per, Zhur Eksper Teoret. Fiz, Vol XXVI,  
No 5, 1954, pp 629-639

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Mag 59

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KINETICS OF THE PROCESS OF THERMAL POLY-  
MERIZATION OF BUTADIENE. [1961] 11p. 16 refs.  
Order from OIS or SLA \$1.60      61-18074

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v. 6, p. 130ff (also pub. in mono. Lebedev, S. V.,  
Life and Works, Leningrad, 1933, p. 647-662).

DESCRIPTORS: Butadienes, Polymerization, Reaction  
kinetics, Temperature, Velocity, Oxygen

Thermal polymerization of butadiene within the temper-  
ature interval of 110-200° was investigated, and reac-  
tion velocity curves obtained for each temperature. It  
was established that the order of the reaction changes  
with change of the temperature of the experiment. The  
average order of the reaction determined according to  
van't Hoff is approximately 1.5. The accelerating effect  
(Chemistry--Physical, TT, v. 9, no. 2)      (over)

61-18074

I. Lebedev, S. V.  
II. Khokhlovkin, M. A.

61-18074

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Preparation of 1,3-Butadiene From  
Petroleum and Its Fractions, by S. V.  
Lebedev, G. M. Rogan, S. V. Matznan,  
E. D. Kistova, V. G. Moor, 14pp.  
RUSSIAN, per, Trudy Oryznoyo Zavoda Lit. B.,  
Vol 1, 1938, pp 871-890.  
CESTI TT-6111091.

*S. V. Lebedev*

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Sci - Materials  
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Preparation of 1,3-Butadiene From  
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Vol 1, 1938, pp 471-490.  
CFSTI TT-6118051.

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Heats of Combustion of Isoprene and Products  
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Action of Some Silicates on Hydrocarbons Con-  
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SLA TT-61-18045

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Rodin, 5 pp.

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No 28, 1959

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DIMERIZATION OF 1,3-BUTADIENE. [1961] 14p  
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Condensed trans. of Zhurnal Obshchei Khimii (USSR)  
1935, v. 5, p. 1839-1858.

DESCRIPTORS: \*Butadienes, Polymerization, \*Cyclohexenes, Vinyl radicals, \*Bromides, Synthesis (Chemistry), Molecular structure, Crystal structure

(Chemistry--Organic, TT, v. 11, no. 3)

TT-61-16602

I. Title: S-Vinyl cyclohexene  
I. Lebedev, S. V.  
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ISOMERIZATION OF HYDROCARBONS OF THE  
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v. 4 [no. 1] p. 23-30.

Another trans. is available from SLA as  
SLA-R-3964, 8p.

DESCRIPTORS: \*Dienes, Molecular isomerism,  
\*Butanes, Bromination, Grignard reactions, \*Butenes,  
\*Butadienes, Synthesis (Chemistry), Polymerization,  
\*Silicates, Allyl radicals.

(Chemistry--Organic, TT, v. 11, no. 3)

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Order from OTS or ETC \$1.91                      61-17840

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v. 4, no. 1, p. 13-22.

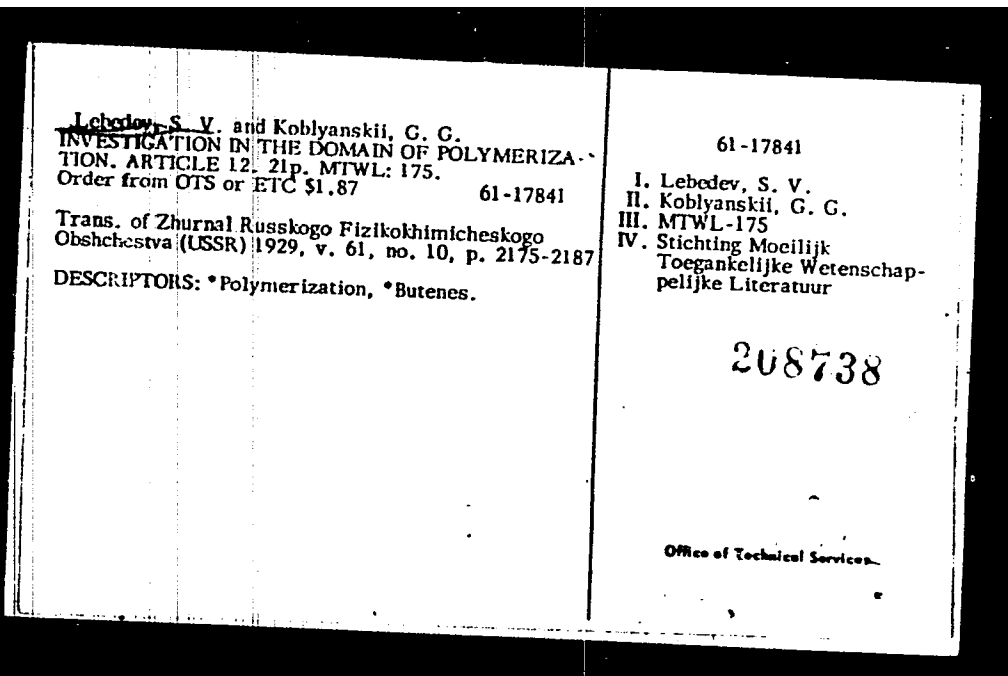
DESCRIPTORS: \*Butenes, \*Polymers, Polymerizator..

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by a Pulsed Current of High Density, by S. V.  
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No ., (10), Oct 1954, pp 487-500.

SLA Tr R-1026

Sci - Electronics  
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Explosion of a Metal by an Electric Current, by  
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Vol V, No 2

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Phenomena in Tungsten Wires Preceding Their Disintegration Under the Effects of Heavy Current, by  
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Sci - Electronics  
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Dependence of the Electrical Conductivity and  
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Trans. of mono. Lebedev, S. V., Life and Works,  
v. 1; Trudy Opytnogo Zavoda Lit. B., Leningrad,  
1938, p. 667-671.

DESCRIPTORS: \*Butadienes, Dienes, Solutions, Tur-  
pentine, Tetralin, \*Vapor pressure.

(Chemistry--Physical, TT, v. 8, no. 6)

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- I. Lebedev, S. V.
- II. Koblyanskii, G. G.
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- IV. Title: Trudy...

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The Deep-Seated Structure of the Earth's  
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*T. S. Lebedev*

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TECTONICS OF THE NORTHEASTERN REGION OF  
THE SEA OF AZOV: TECTONICS AND RELIEF OF  
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- III . Title: Tectonics and . . .

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DESCRIPTORS: \*Structural geology, Folds (Geology),  
\*Faults (Geology), \*Geodesics, Data, Analysis,  
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Contents:

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(Earth Sciences--Geology, TT, v. 10, no. 10)

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 No. 5, 1964, pp 8-12.  
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