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JPRS 3534

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AEC Tr-4097

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Voprosu ob Ustoichivosti Polisakharidov v Shchelochnoy
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Order from LC or SLA m\$3.00, ph\$6.30 61-15641

Trans. of Uspekhi Khimii (USSR) 1959, v. 28, no. 9,
p. 1114-1133.

A review of the literature shows that the presence of
the hemiacetal reducing group at the end of the mole-
cule has an important influence on the degradation of
mono-, di- and polysaccharides in an alkaline medium
in the absence of oxidizing agents. This group is the
active center of the transformations of reducing sugars.
Owing to its enolizing tendency it can give unstable
enediols of polyhydroxy compounds which undergo
further changes in an alkaline medium. The influence
of the hemiacetal group on molecules of di- and poly-
saccharides mainly takes the form of weakening of the
(Chemistry-Organic, TT, v. 5, no. 9) (over)

61-15641

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- I. Mayat, N. S.
- II. Golova, O. P.
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Sci - Chem, Phys

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DESCRIPTORS: *Proteins, Chemical reactions, Bio-
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(Biological Sciences--Biochemistry, TT, v. 8, no. 1)

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III. National Institutes of
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Office of Technical Services

15 427

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Deg Inf Ser-162

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Mar 62

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(Russian Chemical Review - monthly)
Translation begins with 1960, Vol. 29
Lag time: 6-8 months
Order from: The Chemical Society
Publications Sales Office
Blackhorse Road
Letchworth, Herts.
1971: £ 22.0.0./year U.K.
\$ 79.20 or £ 33.0.0./year elsewhere
£ 4.2.6. single issues
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61-22130

1. Ion exchange resins--
Synthesis
2. Ion exchange resins--
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3. Title: Electron exchange
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Order from OTS, ETC or CNRS \$1.65 TT-62-28799

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Another trans. is available in English from:
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DESCRIPTORS: Carbon compounds, Hydrogen com-
pounds, Chlorine, Chemical reactions, *Halogenation,
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(Chemistry--Organic. BT, v. 11, no. 9)

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DESCRIPTORS: *Heat resistant polymers, Synthesis,
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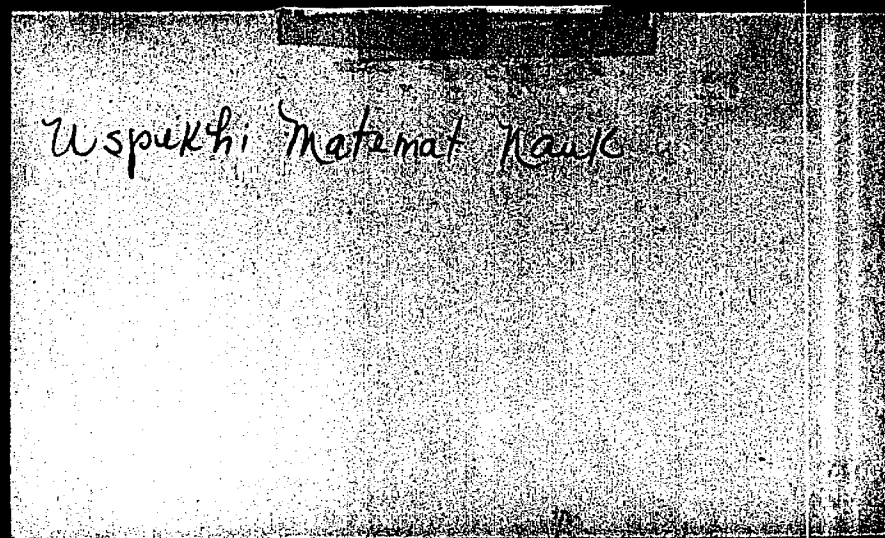
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Linear operators leaving invariant a cone in a
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pp 202-205

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Vol VI, No 6 (46),
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author: B. A. Sevast'yanov

Project No 11312

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Banach space, M. G. Krein, M. A. Rutman

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{FDD 20026}

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Sci - Math, mathematician

Jan 54

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Order from OTS or SLA \$10.50

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DESCRIPTORS: *Numerical methods and procedures.

(Mathematics, TT, v. 6, no. 8)

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