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by  
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ATB 18A3R

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Field 13F

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Order from OTS or SLA \$1.60 62-10475

I. Sokolov, N. N.  
II. Andrianov, K. A.  
III. Akhltova, S. M.

Trans. of article from an unidentified Russian source, 1954(?).

DESCRIPTORS: \*Mass spectrometers, \*Spectrographic analysis, Organic compounds, \*Silanes, \*Silicon compounds, Methyl radicals, Ethyl radicals, Phenyl radicals.

The following were analyzed on the mass-spectrometer: trichlormethylsilane, dimethyldichlorosilane, trimethylchlorosilane, trichlorethylsilane, diethyldichlorosilane, triethylchlorosilane, trichlorphenylsilane, methylphenyldichlorosilane, and silicon tetrachloride. The nature of their decomposition was de- (Physics--Spectroscopy, TT, v. 8, no. 8) (over)

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Order from SIC \$9.00

Trans. of unidentified paper from a conference held at  
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DESCRIPTORS: \*Conferences, \*Chemistry, \*Quantum  
mechanics, Molecular structure, Molecular  
spectroscopy

Over 80 papers were presented on the electron struc-  
ture of molecules, theoretical radio spectroscopy and  
elementary chemical processes. A great deal of quan-  
tum chemistry is being carried out at Kishinev  
University. (SIC abstract)

(Chemistry, TT, v. 11, no. 9)

I. Sokolov, N. D.  
H. Scientific Information  
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