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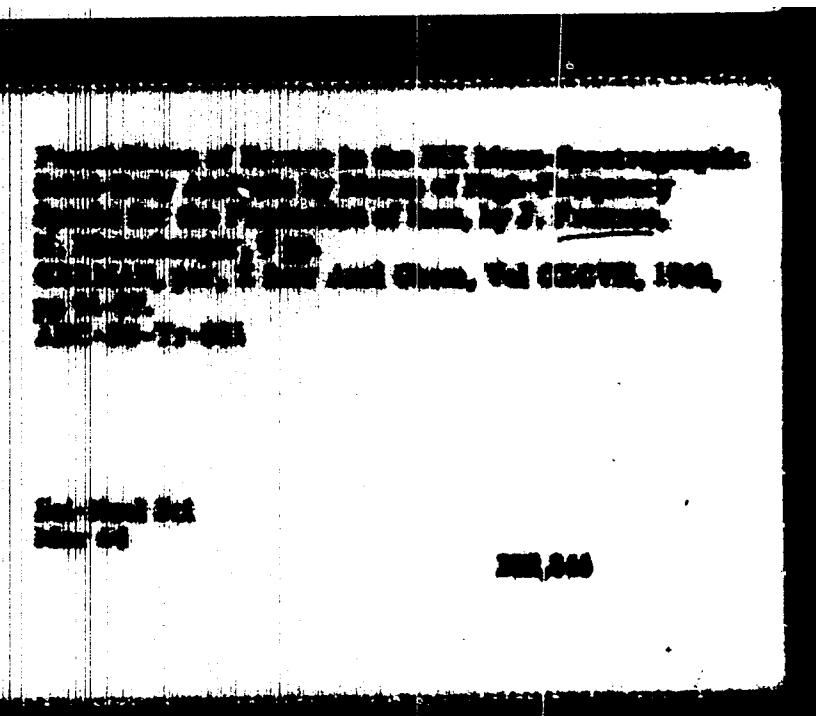
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Oscillation, High frequency, Sparks, Oscillographs,
Density, Electrodes, Electric potential,
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DESCRIPTORS: *Carbenes, *Sodium compounds,
Alkyl radicals, Phenyl radicals, *Sulfonium radicals,
Salts, Synthesis (Chemistry), Metalation, Elimination
reactions, Sulfides, Cyclohexenes.

The preparation of alkyl-diphenyl-sulfonium salts is
described. There occurs with triethyl sodium an elimination
that proceeds in part as an alpha elimination and
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DESCRIPTORS: *Sulfonium radicals, Salts, Ethyl
radicals, Bromides, Iodides, *Methyl radicals,
*Elimination reactions, Molecular association,
Sodium compounds.

Triethyl-sulfonium-bromide and -iodide become con-
verted smoothly with triethyl sodium into triphenyl
methane, diethyl sulfide and ethylene. The attack of
the base on the sulfonium salt is preponderantly at
the methylene groups, as was shown by experiments
with $(CH_3CD_2)_3SX$ (X = Br, I). There is a discussion
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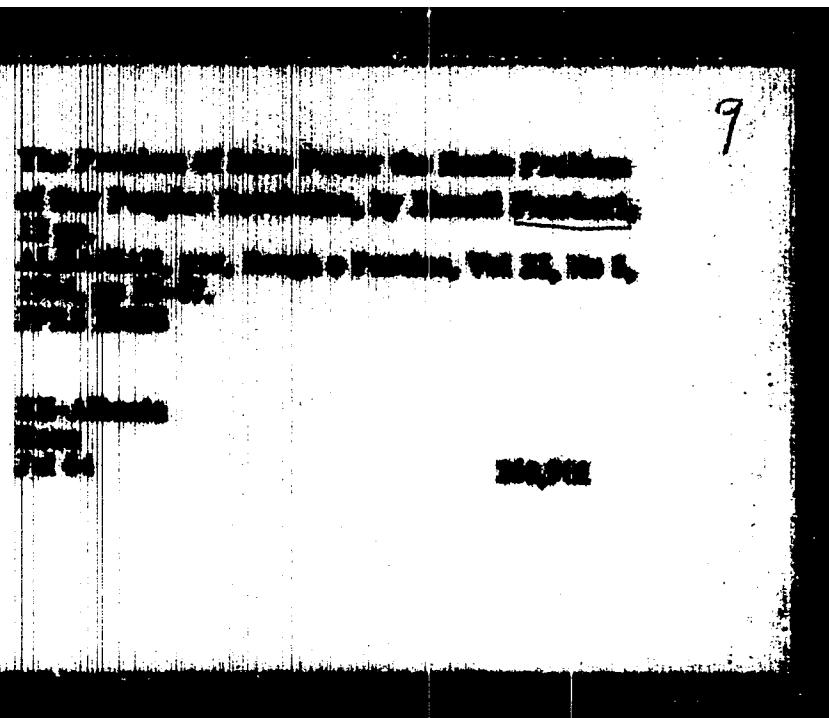
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catalysis, *Cements, *Hydroxides, *Water.

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tion of the hydrolysis time in cement paste employing
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