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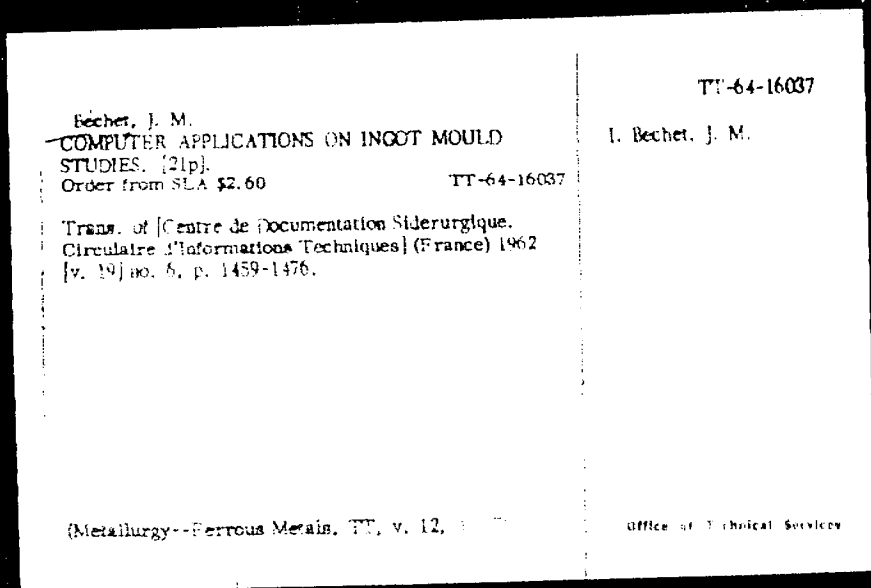
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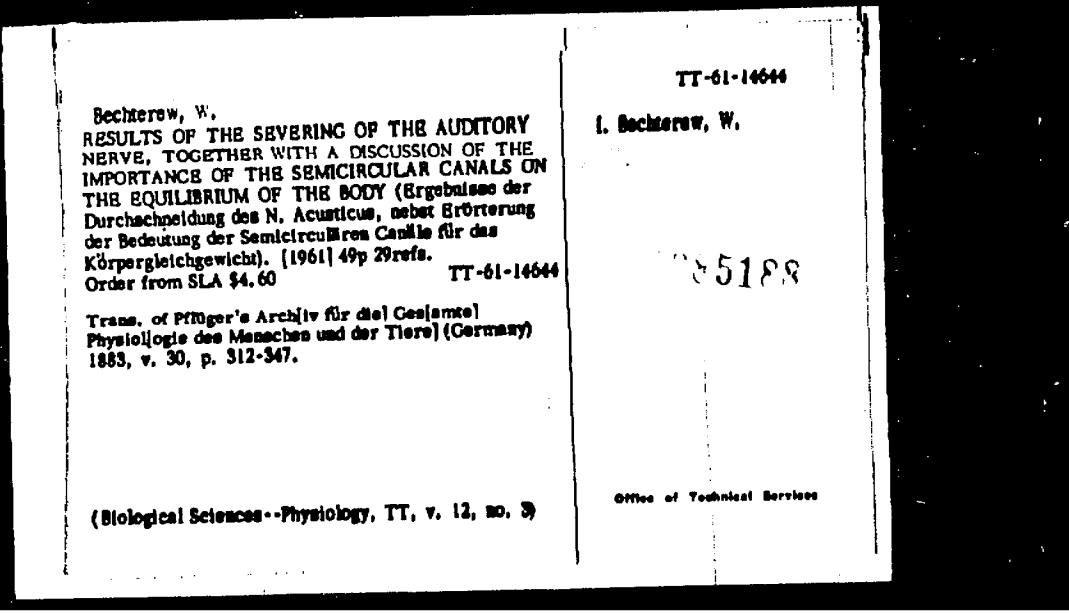
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*Acetones, Mesityl radicals, Oxides, Phenyl radicals,
*Acetylenes, *Nitrobenzenes, *Hydrogenation, *Plati-
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rides, Hydrogen ion concentration, Buffers, Reaction
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DESCRIPTORS: *Germanium, Semiconductors, Elec-
trolytes, Electrochemistry, Electrolysis, Electrodes,
Anodes, Impurities

An investigation of the anodic dissolution rate as a
function of the electrode potential, the OH^- concentra-
tion and the doping of germanium showed that the rate-
determining step depends exponentially on the potential
and the reaction order is one with respect to the OH^-
ions and the holes. A reaction mechanism is proposed
that makes more precise the dissolution mechanism
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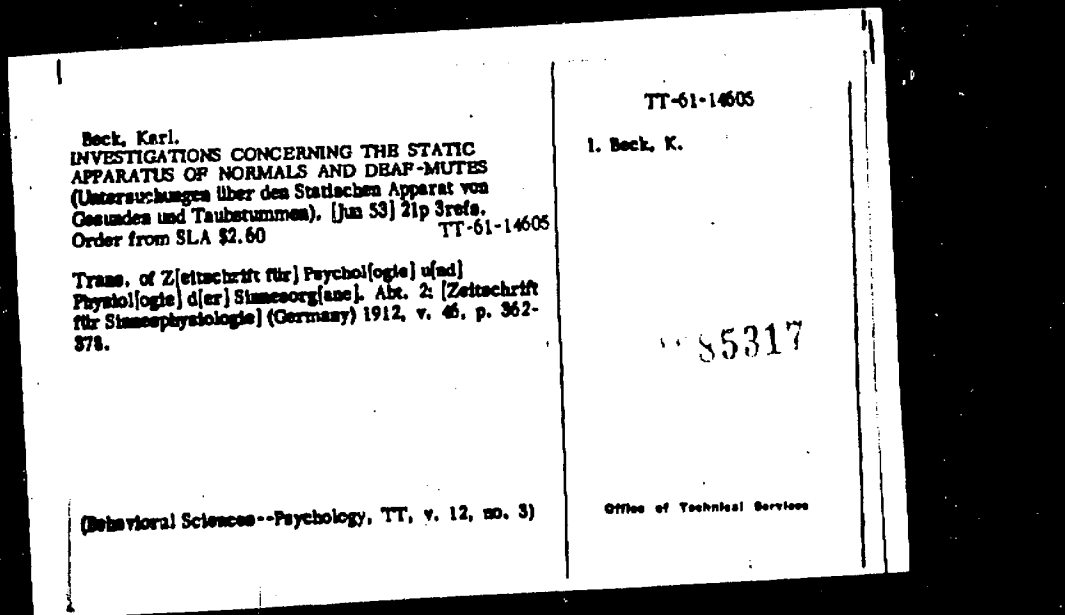
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