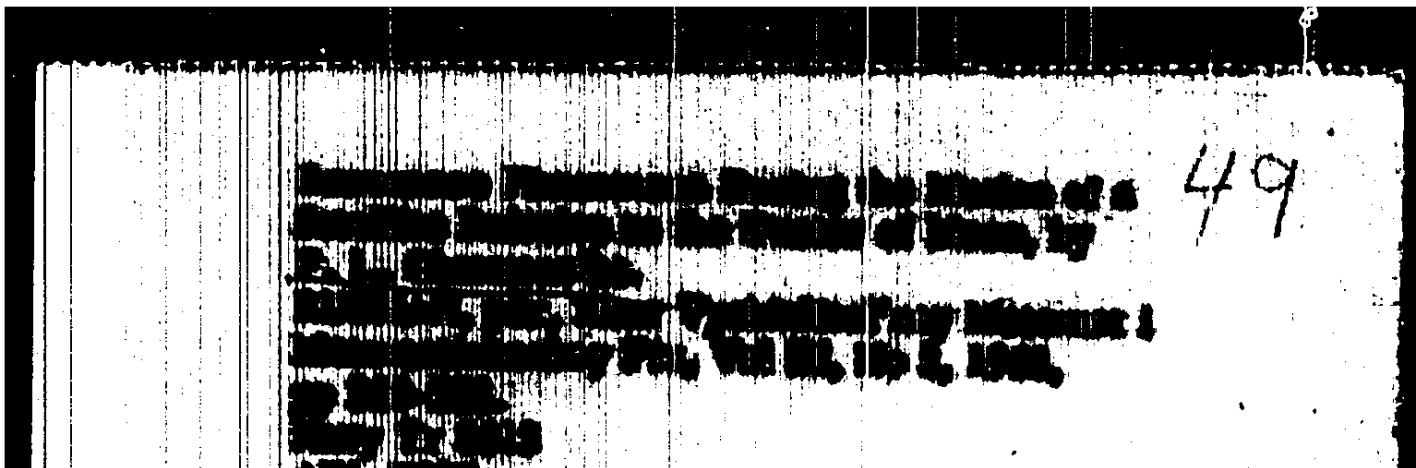
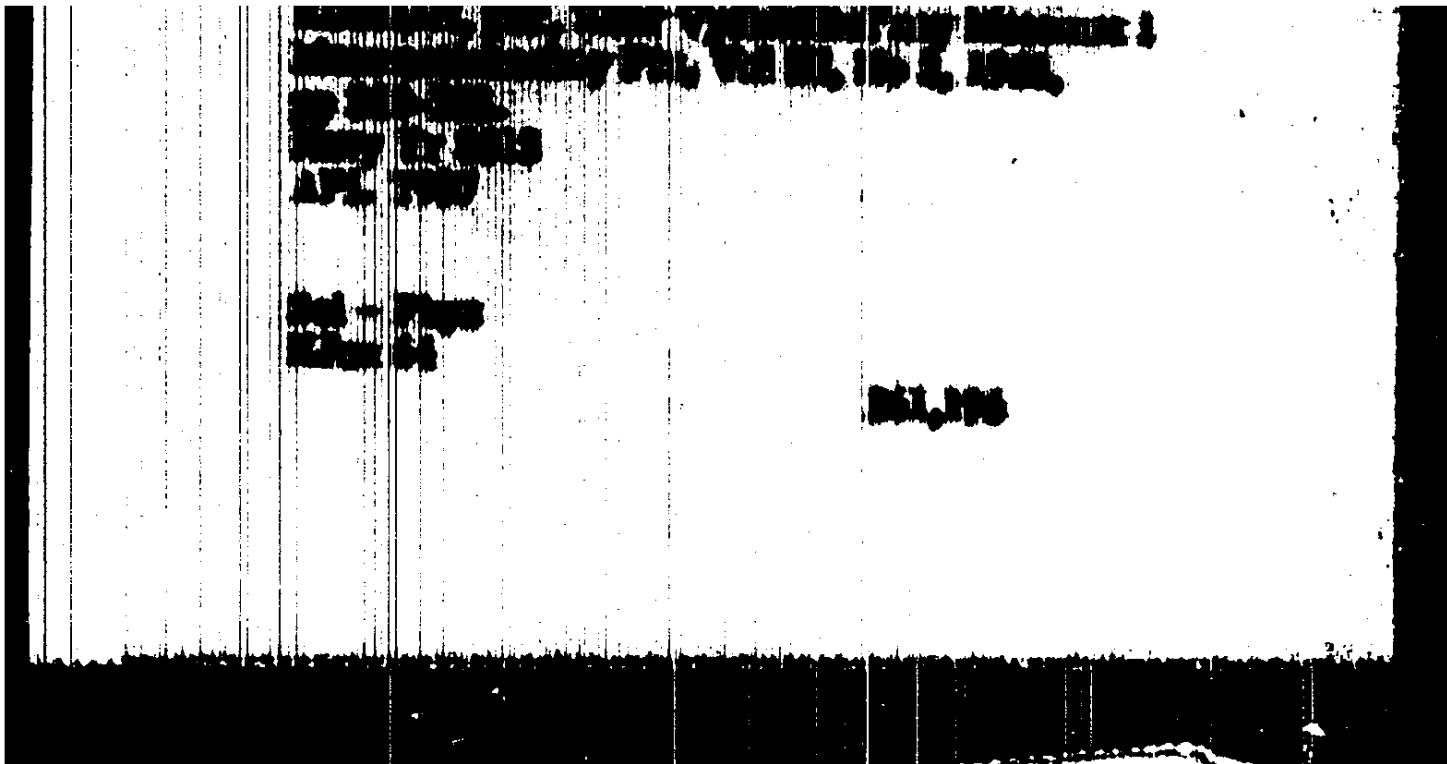


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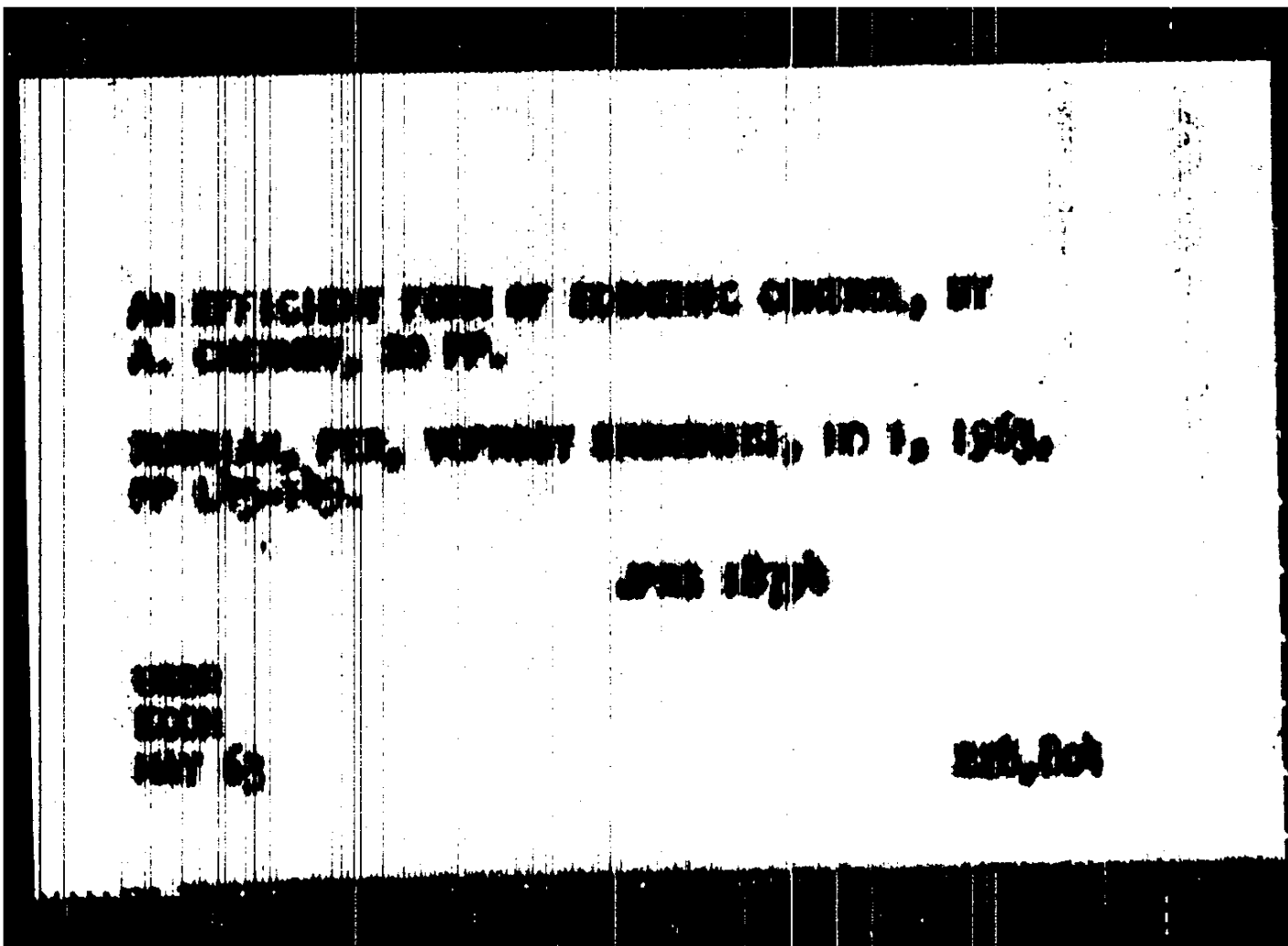
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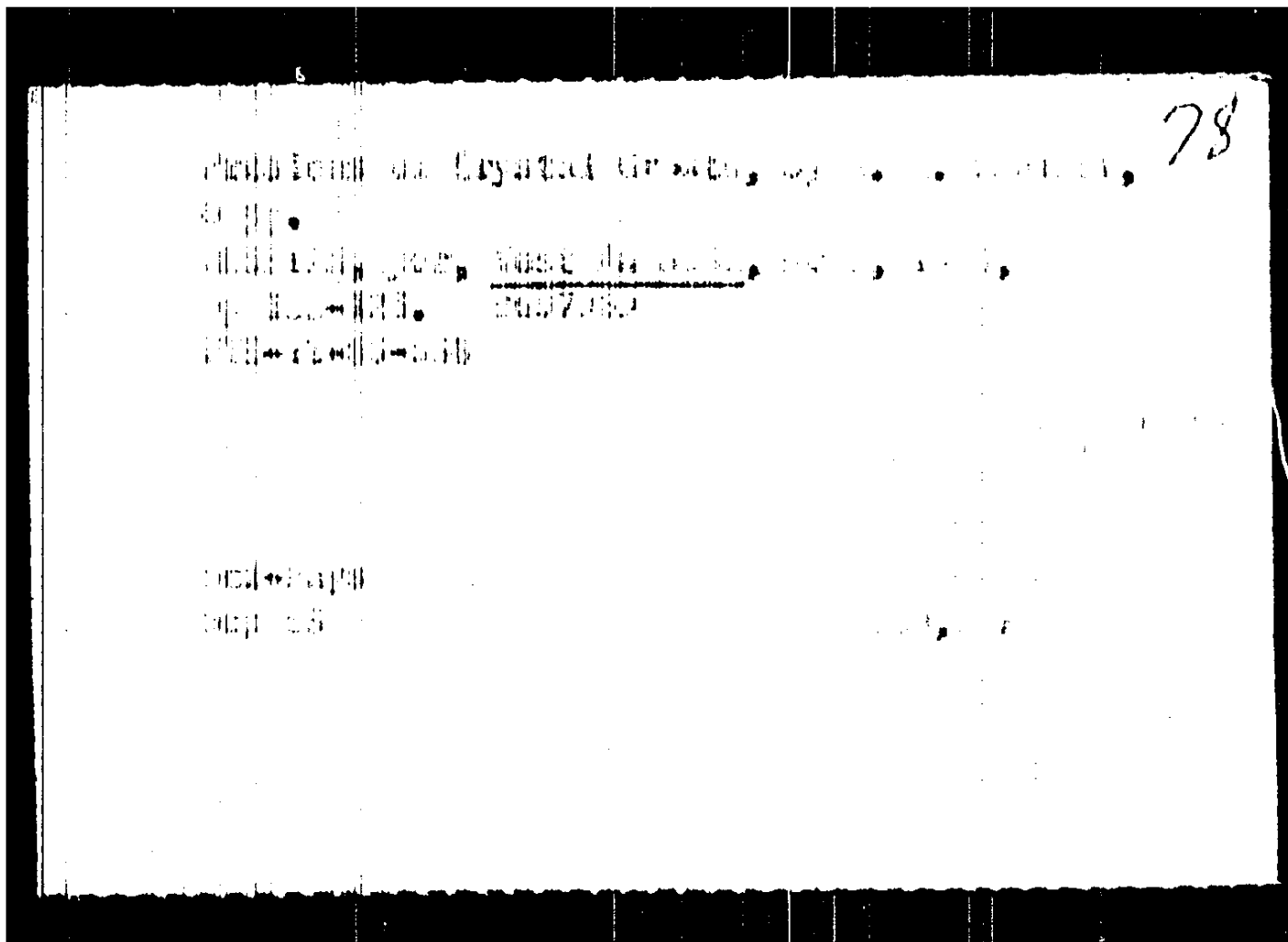
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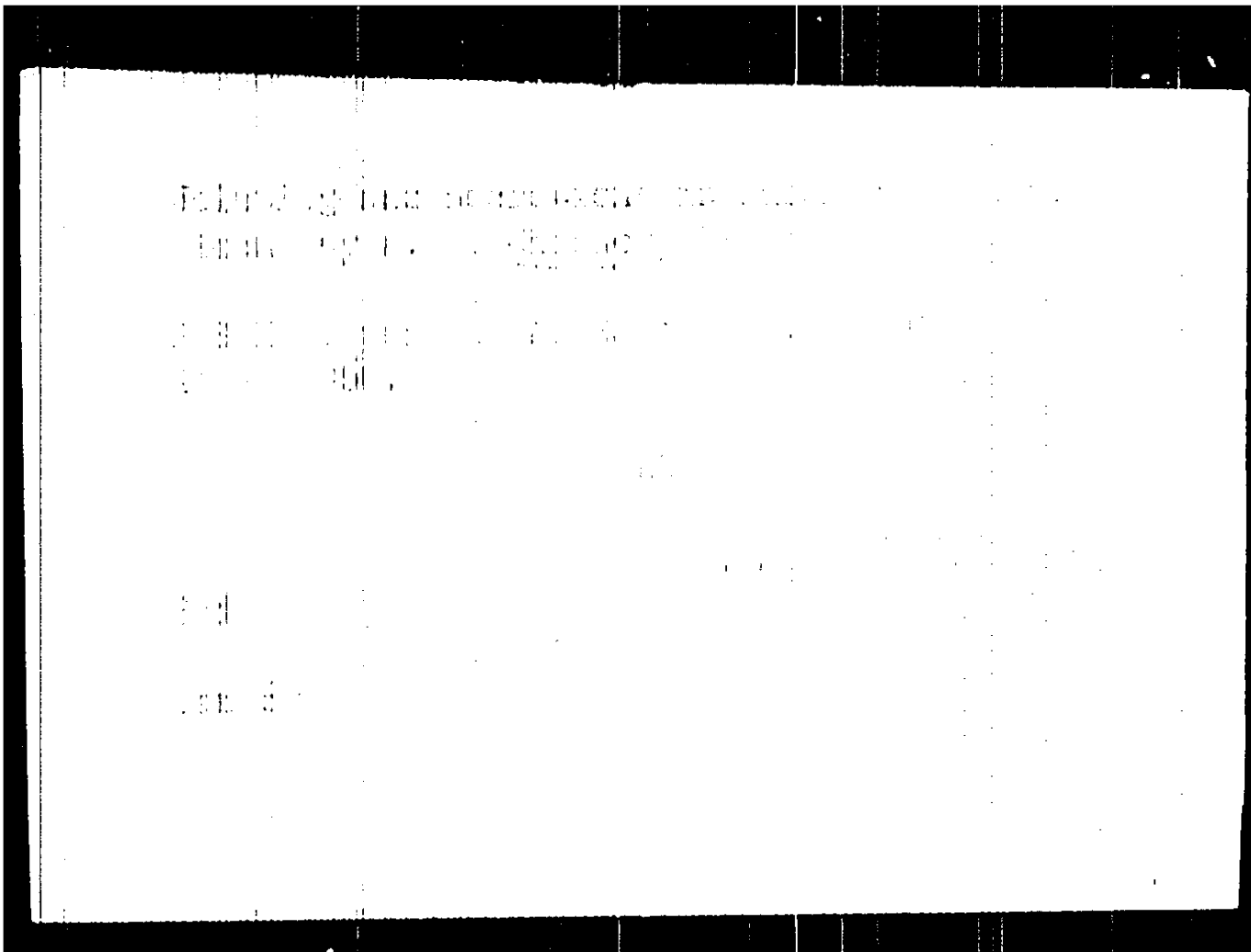
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DESCRIPTORS: *Jets, *Particles, Motion, Velocity,
*Gas flow.

Measurements show that in free dust-air jets, the
velocity of the solid particles is considerably different
than the air velocity, (even with quite small particle
dimensions, of the order of $60 - 70\mu$). The relative
velocity of the particles in the jet is greater, the
greater the particle dimension, the greater its density
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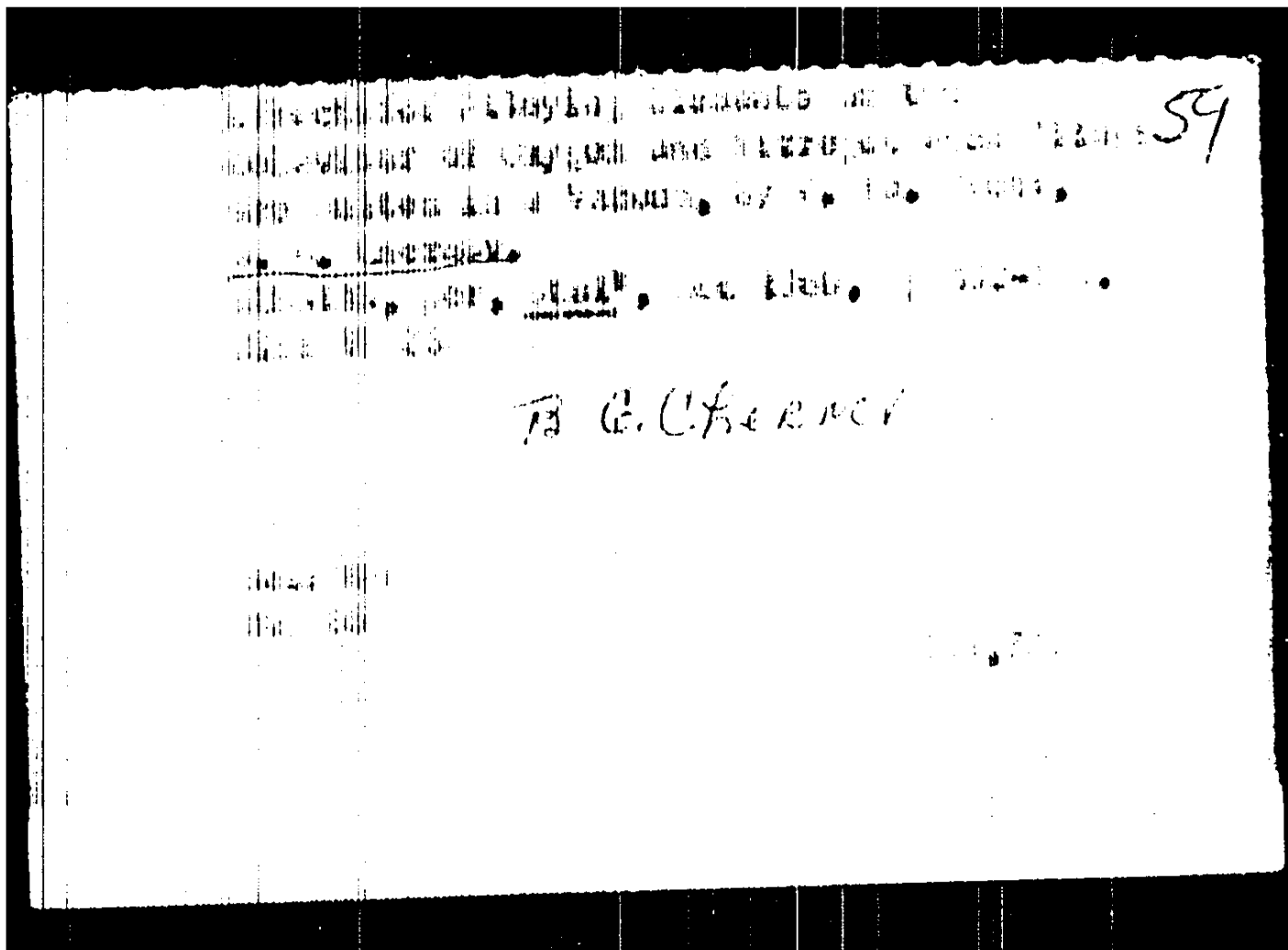
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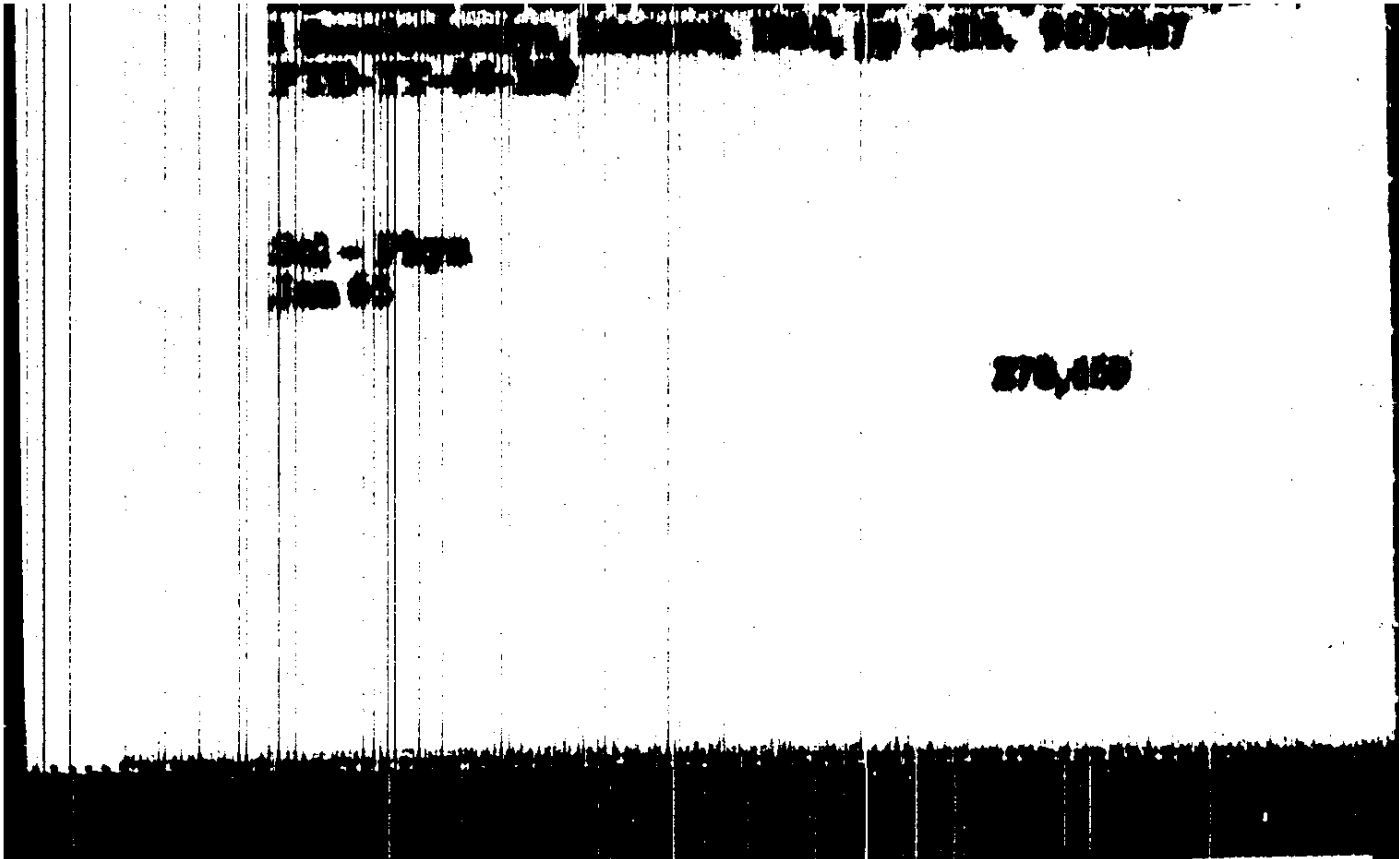
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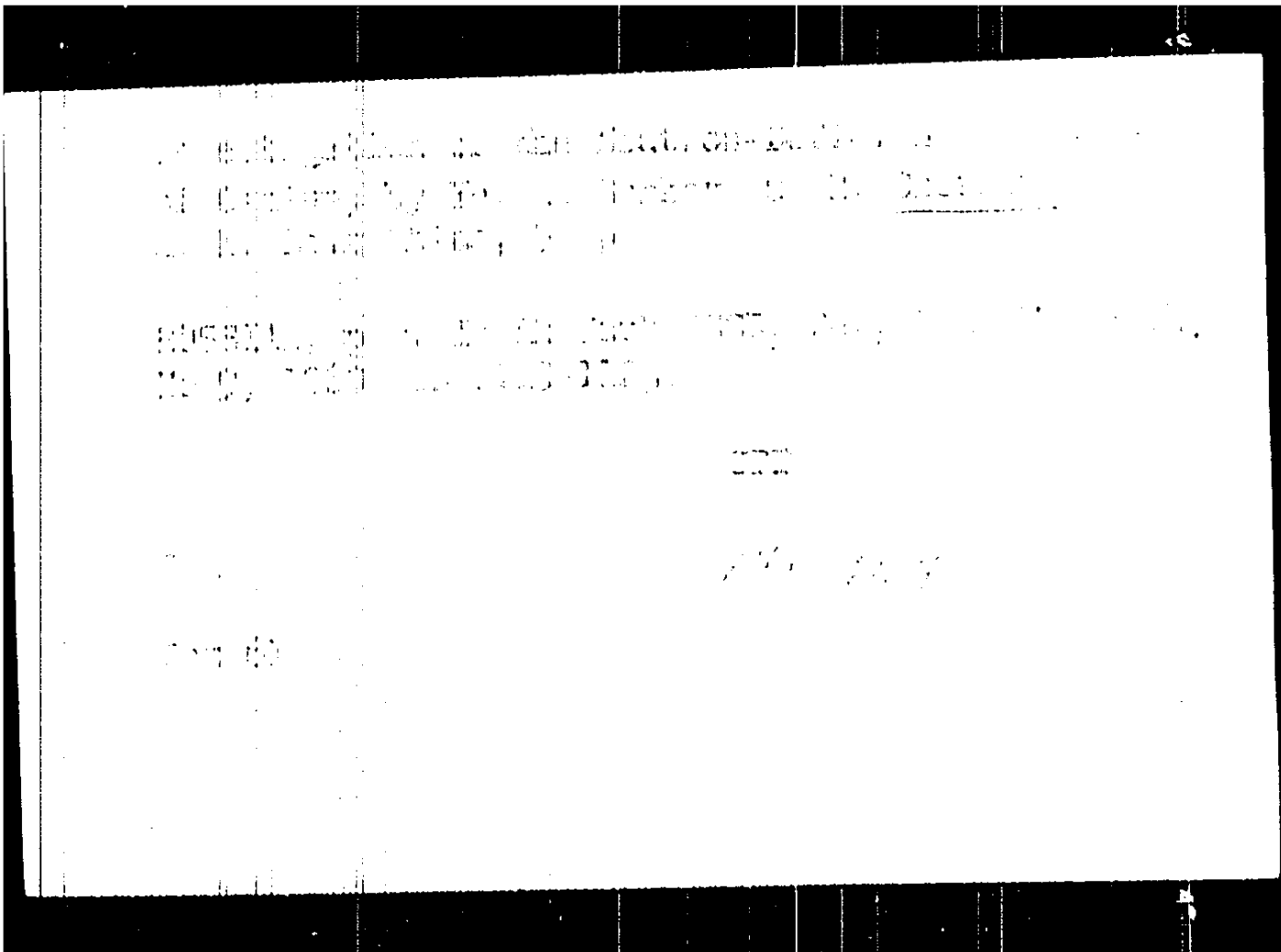
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DESCRIPTORS: *Acoustics, *Sound, Propagation,
Density, Velocity, Pressure, Geometry, Numerical
analysis.

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stical energy in geometric approximation, depending
only on the potential of acoustical velocity and not con-
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(Physics--Acoustics, TT, v. 8, no. 4)

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- IV. Contract N(Ord-7386

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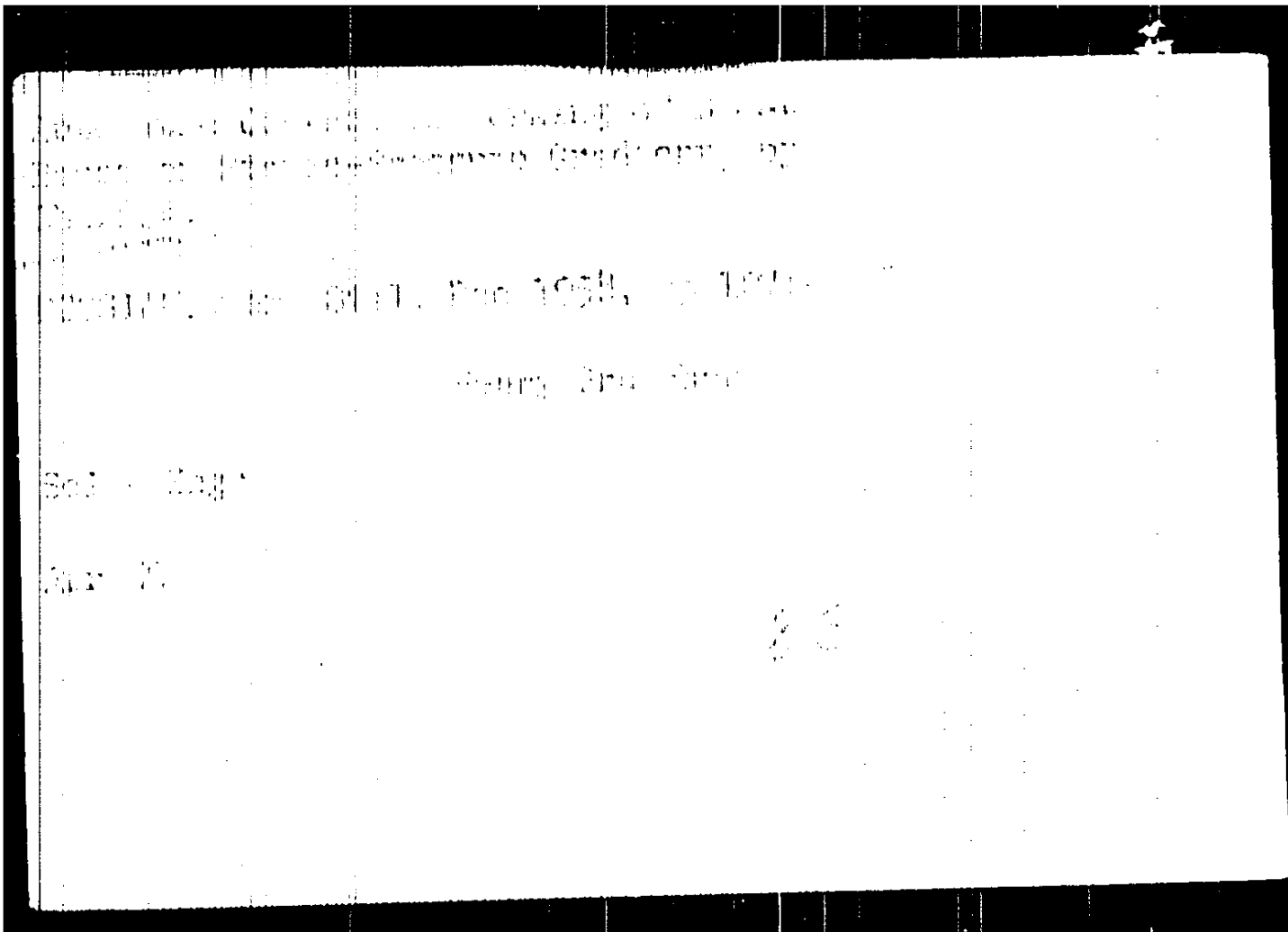
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