

DEFORMATION OF SOLIDS BY THE IMPACT OF LIQUIDS

A DISCUSSION
ORGANIZED FOR THE ROYAL SOCIETY
BY
F. P. BOWDEN, F.R.S.

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The physics of this important subject is considered in relation to three technological problems:

- (i) Rain erosion.
- (ii) Damage to turbine blades rotating in wet steam.
- (iii) Damage produced by cavitation.

The emphasis is on the physics of the processes and this work should be available to all physicists, metallurgists and engineers concerned with these problems. The paper 'Some aspects of rock cutting by high speed water jet' contributed by S. J. Leach and G. L. Walker is of particular interest to mining engineers and all concerned with safety in mines.

The full report is published in *Philosophical Transactions of the Royal Society*, Series A, volume 260, part 1110 and may be obtained through any bookseller or direct from the Royal Society, Burlington House, Piccadilly, London, W. 1.

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