

**MOTION AND STRESS MEASUREMENTS IN CENTRIFUGAL AND HYDRAULIC
GRADIENT SHOCK SIMULATIONS**

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The paper deals with measurements of the 3 components of inter granular stress, of pore water pressure and of the 2 acceleration components by mini transducers inside saturated sand models of about 1:100 scale, with and without correction of permeability. The models use: a) a centrifugal similitude, b) a hydraulic gradient similitude.