Announcing a new journal

Structural safety

An International Journal on Integrated Risk Assessment for Constructed Facilities

Editor:
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STRUCTURAL SAFETY is an international journal devoted to integrated risk assessment for a wide range of constructed facilities such as buildings, bridges, earth structures, offshore structures, dams, lifelines and nuclear structural systems.
Its purpose is to foster communication about risk and reliability among technical disciplines involved in design and construction, and between the research community and the many practitioners for whom rational structural safety is an ever increasing concern.

Free sample copies are available on request.

All aspects of quantitative safety assessment are of interest:

- loads and environmental influences (e.g. earthquakes, winds and waves)
- site characterization and soil behaviour
- material properties
- performance criteria and limit states
- probabilistic response analysis under static or dynamic loads
- treatment of human error
- engineering judgement and expert opinion
- risk management and quality assurance

Approaches may range from reliability-based code formats to risk-based decision analysis under multiple hazards. Engineering decision situations may involve new or existing structures, in particular: siting, exploration, design, construction control, safety monitoring, maintenance and rehabilitation. In each case pertinent topics are:

- modelling of uncertainty
- economic and social impacts
- decision bases and criteria
- specific procedures of risk analysis and control

In addition to basic theoretical results, the journal publishes case studies and applications, occasional review articles and, in an effort to achieve feedback at an empirical level, short papers which document and interpret actual cases of unserviceability or failure.

Subscription Information

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Authors are invited to submit papers to Prof. Vanmarcke.
A detailed Guide for Authors is available from the editor or the publishers. There are no page charges

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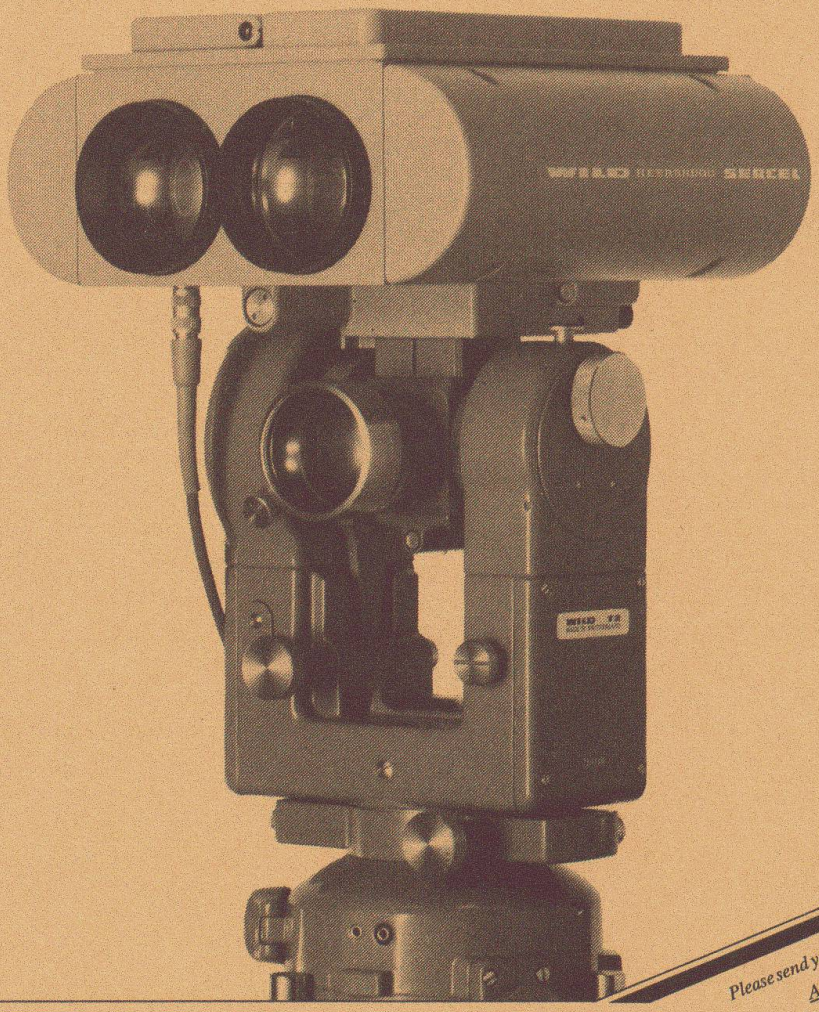

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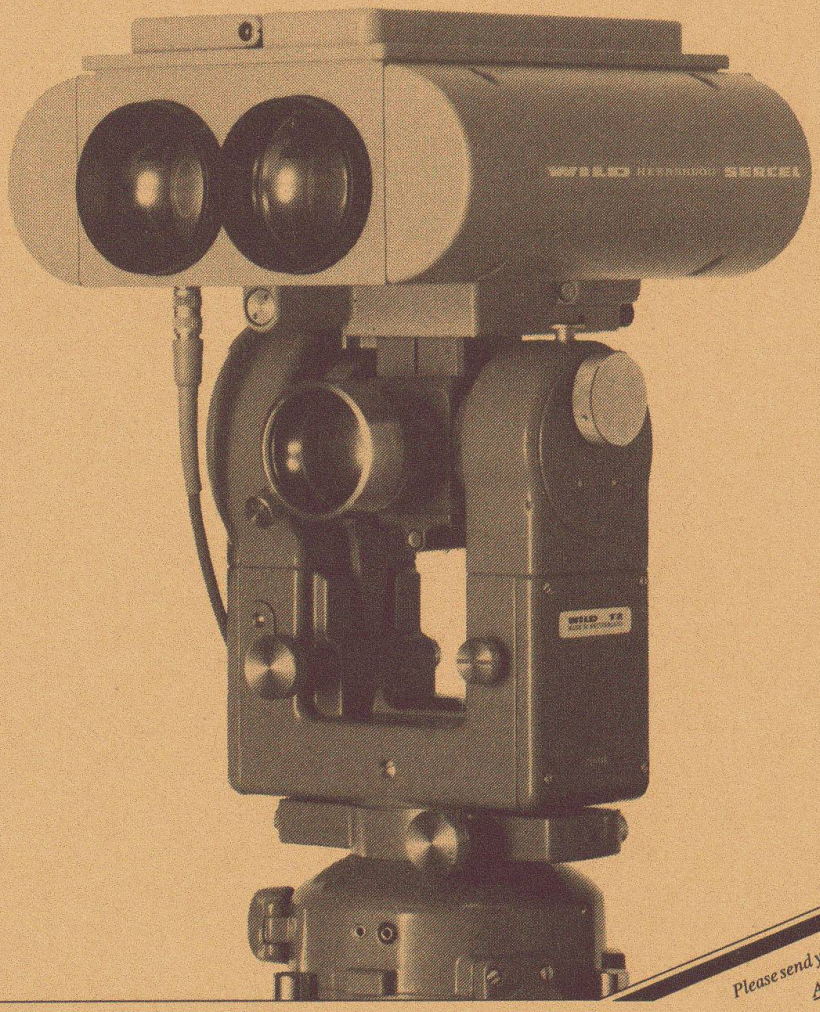

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