

INDEX TO THE JOURNAL OF THE SOUTH AFRICAN INSTITUTION OF CIVIL ENGINEERING 2009 (Volume 51)

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<p>Desiccation of soil by vegetation and potential interaction with buildings – a field study</p>	<p>G E Blight</p>	<p>No 2, pp 20-29</p>
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Keywords: desiccation; evapotranspiration; soil water balance; soil water content; vegetation

<p>Dynamic behaviour of damaged reinforced concrete beams and application of white noise analysis to crack detection</p>	<p>M A Lotfollahi-Yaghin, R Shahinpar and H Ahmadi</p>	<p>No 2, pp 2-10</p>
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Keywords: white noise; reinforced concrete; crack detection; finite-element method; dynamic response

<p>Experimentally applied earthquakes and associated loading on a full-scale dry-stacked masonry structure</p>	<p>A Elvin</p>	<p>No 1, pp 15-25</p>
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Keywords: earthquake testing; filtering; full-scale testing; earthquake response spectra

<p>Optimising structures using the principle of virtual work</p>	<p>A Elvin, R Wallis and D Cromberge</p>	<p>No 2, pp 11-19</p>
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Keywords: automated member selection; discrete sections

<p>Practical implications of the relation between the clay mineral content and the Plasticity Index of dolerite road construction material</p>	<p>E Kleyn, A Bergh and P Botha</p>	<p>No 1, pp 2-5</p>
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Keywords: dolerite; smectite; X-ray diffraction; Plasticity Index; basecourse

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Public standpipe design and maintenance for rural South Africa

J Haarhoff and L Rietveld

No 1, pp 6-14

Keywords: standpipe; Venda; water supply; tap; design; maintenance

The issue of personal safety on dolomite: a probability-based evaluation with respect to single-storey residential houses

H A D Kirsten, G J Heath, I S Venter, N Y G Trollip and A C Oosthuizen

No 1, pp 26-36

Keywords: dolomite; sinkhole; coincidence; probability; residential

ADDENDUM

Experimentally applied earthquakes and associated loading on a full-scale dry-stacked masonry structure

A Elvin

No 2, p 30

Addendum to abovementioned paper published in 51(1) 2009, pp 15-25