

Publications of D.V. Griffiths

Journal Publications

- [1] **Griffiths, D.V.** “Elasto-plastic analyses of deep foundations in cohesive soils.” *Int J Numer Anal Methods Geomech*, vol.6, no.2, pp.211-218, (1982) [DOI](#)
- [2] **Griffiths, D.V.** “Computation of bearing capacity factors using finite elements.” *Géotechnique*, 32, no.3, pp.195-202, (1982) [DOI](#)
- [3] **Griffiths, D.V.** “Rationalised charts for the method of fragments applied to confined seepage.” *Géotechnique*, 34, no.2, pp.229-238, (1984) [DOI](#)
- [4] **Griffiths, D.V.** “A chart for estimating the average vertical stress increase in an elastic foundation below a uniformly loaded rectangular area.” *Can Geotech J*, vol.21, no.4, pp.710-713, (1984) [DOI](#)
- [5] **Griffiths, D.V.** “The effect of pore-fluid compressibility on failure loads in elasto-plastic soil.” *Int J Numer Anal Methods Geomech*, vol.9, no.3, pp.253-259, (1985) [DOI](#)
- [6] **Griffiths, D.V. and Koutsabeloulis, N.C.** “Finite element analysis of vertical excavations.” *Comput Geotech*, vol.1, no.3, pp.221-234, (1985) [DOI](#)
- [7] **Griffiths, D.V.** “Some theoretical observations on conical failure criteria in principal stress space.” *Int J Solids Struct*, vol.22, no.5, pp.553-565, (1986) [DOI](#)
- [8] **Griffiths, D.V. and Willson, S.M.** “An explicit form of the plastic matrix for a Mohr-Coulomb material.” *Commun Appl Numer Methods*, vol.2, pp.523-529, (1986) [DOI](#)
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- [12] **Griffiths, D.V.** “An iterative method for plastic analysis of frames.” *Comput Struct*, vol.30, no.6, pp.1347-1354, (1988) DOI
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- [14] **Griffiths, D.V.** “Advantages of consistent over lumped methods for analysis of beams on elastic foundations.” *Commun Appl Numer Methods*, vol.5, no.1, pp.53-60, (1989) DOI
- [15] **Griffiths, D.V.** “Computation of collapse loads in geomechanics by finite elements.” *Ing Arch* (Now called *Arch Appl Mech*), vol.59, no.3, pp.237-244, (1989) DOI
- [16] **Griffiths, D.V. and Li, C.O.** “Accurate pore pressure calculation in undrained analysis.” *Eng Comput (Swansea, Wales)*, vol.6, no.4, pp.339-342, (1989) DOI
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- [21] **Griffiths, D.V.** “Generalized numerical integration of moments.” *Int J Numer Methods Eng*, vol.32, no.1, pp.129-147, (1991) DOI
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- [23] **Griffiths, D.V., Hicks, M.A. and Li, C.O.** “Transient passive earth pressure analysis.” *Géotechnique*, 41, no.4, pp.615-620, (1991) DOI
- [24] **Holt, D.A. and Griffiths, D.V.** “Transient analysis of excavations in soil.” *Comput Geotech*, vol.13, no.3, pp.159-174, (1992) DOI
- [25]¹ **Griffiths, D.V. and Fenton, G.A.** “Seepage beneath water retaining structures founded on spatially random soil.” *Géotechnique*, 43, no.4, pp.577-587, (1993) DOI
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