







- Proceedings of SPIE-The International Society for Optical Engineering*, 2001: 63-69. DOI: [10.1117/12.435543](https://doi.org/10.1117/12.435543).
2. Chai J., Wei S. M., Chang X. T., Liu J. X., Monitoring Deformation and Damage on Rock Structures with Distributed Fiber Optical Sensing [J], *International Journal of Rock Mechanics and Mining Sciences*, 2004, 41(5): 1-6. DOI: [10.1016/j.ijrmms.2004.03.057](https://doi.org/10.1016/j.ijrmms.2004.03.057).
  3. Ou Jinping, Hou Shuang, Seismic Damage Identification Using Multi-line Distributed Fiber Optic Sensor System, *Proceedings of SPIE*, 2005: 1003-1008. DOI: [10.1117/12.612449](https://doi.org/10.1117/12.612449).
  4. Roger G. Duncan, Brooks A. Childers, Dawn K. Gifford, Don E. Pettit, Andrew W. Hickson, Timothy L. Brown, Distributed Sensing Technique for Test Article Damage Detection and Monitoring, *Proceedings of SPIE [C]*, 2003: 367-375.
  5. S. L. Soo, Boundary Layer Motion of a Gas-Solid Suspension, *Proc. Symp. Interaction between Fluids and Particles*, vol. 1, pp. 50-63, 1962.
  6. W. B. Thompson, Kinetic Theory of Plasma, in M. N. Rosenbluth (ed.), *Advanced Plasma Theory*, chap. 1, Academic Press, New York, 1964. DOI: [10.1016/B978-0-08-011180-3.50011-4](https://doi.org/10.1016/B978-0-08-011180-3.50011-4).
  7. F. Bakhtiari-Nejad, A. Khorram, M. Rezaeian. Analytical Estimation of Natural Frequencies and Mode Shapes of a Beam Having Two Cracks, *International Journal of Mechanical Sciences*, 2014:193–202. DOI: [10.1016/j.ijmecsci.2013.10.007](https://doi.org/10.1016/j.ijmecsci.2013.10.007).
  8. Zhe Cheng, Niaoqing Hun, XiaofeiZhang, Crack Level Estimation Approach for Planetary Gearbox Based on Simulation Signal and GRA, *Journal of Sound and Vibration*, 2012: 5853–5863. DOI: [10.1016/j.jsv.2012.07.035](https://doi.org/10.1016/j.jsv.2012.07.035).
  9. Mohammad H. F. Dado, Omar A. Shpli, Crack Parameter Estimation in Structures Using Finite Element Modeling, *International Journal of Solids and Structures*, 2003: 5389–5406. DOI: [10.1016/S0020-7683\(03\)00286-5](https://doi.org/10.1016/S0020-7683(03)00286-5).
  10. Ahmed A. Elshafey, Nabil Dawood, H. Marzouk, M. Haddara, Crack Width in Concrete Using Artificial Neural Networks, *Engineering Structures*, 2013:676–686. DOI: [10.1016/j.engstruct.2013.03.020](https://doi.org/10.1016/j.engstruct.2013.03.020).
  11. Masayuki Kamaya, Estimation of Elastic-Plastic Fracture Toughness by Numerical Simulation Based on a Stress-Based Criterion for Ductile Crack Initiation, *International Journal of Pressure Vessels and Piping*, 2013: 1-7. DOI: [10.1016/j.ijpvp.2013.10.003](https://doi.org/10.1016/j.ijpvp.2013.10.003).
  12. Martin Noel, Khaled Soudki, Estimation of the Crack Width and Deformation of FRP-Reinforced Concrete Flexural Members with and without Transverse Shear Reinforcement, *Engineering Structures* 2014: 393–398. DOI: [10.1016/j.engstruct.2013.11.005](https://doi.org/10.1016/j.engstruct.2013.11.005).
  13. Minhuy Le, Jinyi Lee, Jongwoo Jun, Jungmin Kim, Estimation of Sizes of Cracks on Pipes in Nuclear Power Plants Using Dipole Moment and Finite Element Methods, *NDT&E International*, 2013: 56–63. DOI: [10.1016/j.ndteint.2013.04.008](https://doi.org/10.1016/j.ndteint.2013.04.008).
  14. Gang Li, Shuanhai He, Yongfeng Ju, Kai Du, Long-Distance Precision Inspection Method for Bridge Cracks with Image Processing, *Automation in Construction*, 2013. DOI: [10.1016/j.autcon.2013.10.021](https://doi.org/10.1016/j.autcon.2013.10.021).
  15. Ahmed A. Elshafey, Nabil Dawood, H. Marzouk, M. Haddara, Predicting Of Crack Spacing for Concrete by Using Neural Networks, *Engineering Failure Analysis*, 2013, 31:344–359. DOI: [10.1016/j.engfailanal.2013.02.011](https://doi.org/10.1016/j.engfailanal.2013.02.011).
  16. J. H. Espina-Herna ndez, E.Ramrez-Pacheco. Rapid Estimation of Artificial Near-Side Crack Dimensions in Aluminium Using a GMR-Based Eddy Current Sensor, *NDT&E International*, 2012, 51: 94–100. DOI: [10.1016/j.ndteint.2012.06.009](https://doi.org/10.1016/j.ndteint.2012.06.009).
  17. M. Hadj Meliani, Z. Azari, G. Pluinage, Yu G. Matvienko, The Effective T-Stress Estimation and Crack Paths Emanating from U-Notches, *Engineering Fracture Mechanics*, 2010. 77:1682–1692. DOI: [10.1016/j.engfracmech.2010.03.010](https://doi.org/10.1016/j.engfracmech.2010.03.010).
  18. Ahmed A. Elshafey, Nabil Dawood, Crack Width in Concrete Using Artificial Neural Networks, *Engineering Structures*, 2013, 52: 676–686. DOI: [10.1016/j.engstruct.2013.03.020](https://doi.org/10.1016/j.engstruct.2013.03.020).
  19. Ahmed A. Elshafey, Nabil Dawood, Predicting of Crack Spacing for Concrete by Using Neural Networks. *Engineering Failure Analysis*, 2013, 31: 344–359. DOI: [10.1016/j.engfailanal.2013.02.011](https://doi.org/10.1016/j.engfailanal.2013.02.011).
  20. K.G. Papakonstantinou, M. Shinozuka, Probabilistic Model for Steel Corrosion in Reinforced Concrete Structures of Large Dimensions Considering Crack Effects, *Engineering Structures*, 2013, 57:306–326.
  21. Martin Nođ, Khaled Soudki, Estimation of the Crack Width and Deformation of Frp-reinforced Concrete Flexural Members with and without Transverse Shear Reinforcement, *Engineering Structures*, 2014, 59:393–398. DOI: [10.1016/j.engstruct.2013.11.005](https://doi.org/10.1016/j.engstruct.2013.11.005).