











- [7] Hong-Nan Li, Dong-Sheng Li, and Gang-Bing Song. Recent applications of fiber optic sensors to health monitoring in civil engineering. *Engineering Structures*, 26(11):1647–1657, 2004.
- [8] T H T Chan, L Yu, H Y Tam, Y Q Ni, S Y Liu, W H Chung, and L K Cheng. Fiber Bragg grating sensors for structural health monitoring of Tsing Ma bridge: Background and experimental observation. *Engineering Structures*, 28(5):648–659, 2006.
- [9] Urszula Nawrot, Thomas Geernaert, Ben De Pauw, Dimitrios Anastasopoulos, Edwin Reynders, Guido De Roeck, and Francis Berghmans. Development of a mechanical strain amplifying transducer with Bragg grating sensor for low-amplitude strain sensing. *Smart Materials and Structures*, 26(7):75006, 6 2017.
- [10] M. Perry, J. McAlorum, G. Fusiek, P. Niewczas, I. McKeeman, and T. Rubert, ‘Crack Monitoring of Operational Wind Turbine Foundations’, *Sensors*, vol. 17, 2017.
- [11] J. McAlorum *et al.*, ‘Comparison of epoxy and braze-welded attachment methods for FBG strain gauges’, 12 2017.
- [12] Grzegorz Fusiek, Tim Rubert, Paweł Niewczas, Jack McAlorum, and Marcus Perry. Preliminary characterization of metal-packaged fiber Bragg gratings under fatigue loading. In *2017 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)*, pages 1–4, 2017.
- [13] Y.-J. Rao, ‘In-fibre Bragg grating sensors’, *Measurement Science and Technology*, vol. 8. p. 355, 1997.
- [14] T. Rubert, G. Zorzi, G. Fusiek, P. Niewczas, D. McMillan, J. McAlorum, M. Perry, “Wind turbine lifetime extension decision-making based on structural health monitoring”, *Renewable Energy*, 31 Dec 2019
- [15] McAlorum, J., Perry, M., Fusiek, G., Niewczas, P., Mckeeman, I. J. & Rubert, T., “Deterioration of cracks in onshore wind turbine foundations”, 12 May 2018 In: *Engineering Structures*. 167, p. 121-131 11 p.
- [16] McKeeman, I.; Fusiek, G.; Perry, M.; Johnston, M.; Saafi, M.; Niewczas, P.; Walsh, M.; Khan, S., “First-time demonstration of measuring concrete prestress levels with metal packaged fibre optic sensors”, *Smart Materials and Structures*, v 25, n 9, p 095051 (10 pp.), Sept. 2016
- [17] Perry, M.; Yan, Z.; Sun, Z.; Zhang, L.; Niewczas, P.; Johnston, M., High stress monitoring of prestressing tendons in nuclear concrete vessels using fibre-optic sensors, *Nuclear Engineering and Design*, v 268, p 35-40, March 2014
- [18] Paweł Niewczas and Grzegorz Fusiek. Induction heating assisted optical fiber bonding and sealing technique. page 77536H, 5 2011.
- [19] Yoshihiro Yamaguchi, Takashi Kitagawa, Hideki Tanaka, Yasumichi Koshiro, Hideo Takahashi, Shinichi Takezaki, and Masazumi Nakao. Maintenance of Prestressed Concrete Containment Vessels in a Nuclear Power Plant. *Journal of Advanced Concrete Technology*, 14:464–474, 12 2016.
- [20] J. McAlorum, ‘Structural health monitoring of onshore wind turbine foundations’, University of Strathclyde, 2018.
- [21] Hoffmann, L., Müller, M., Krämer, S., Giebel, M., Schwotzer, G., & Wieduwilt, T. (01 2007). Applications of fibre optic temperature measurement. *Sci. Eng*, 13, 363–378.