## References

- [1] Chang, Kuor-Hsin. "Bluetooth: a viable solution for IoT? [Industry Perspectives]". In: *IEEE Wireless Communications* 21.6 (2014), pp. 6–7. DOI: 10.1109/MWC.2014.7000963.
- [2] Gomez, Carles, Oller Bosch, Joaquim, and Paradells, Josep. "Overview and Evaluation of Bluetooth Low Energy: An Emerging Low-Power Wireless Technology". In: *Sensors (Basel, Switzerland)* 12 (Dec. 2012), pp. 11734–53. DOI: 10.3390/s120911734.
- [3] Woolley, Martin. "Bluetooth Mesh Networking: An Introduction for Developers". In: *Bluetooth SIG* (Dec. 2020).
- [4] Kolderup, Ken, Marcel, Jason, and Schmidt, Sarah. "The Case for Bluetooth Mesh". In: *Bluetooth SIG* (2017).
- [5] Rondón, Raúl et al. "Understanding the Performance of Bluetooth Mesh: Reliability, Delay, and Scalability Analysis". In: *IEEE Internet of Things Journal* 7.3 (2020), pp. 2089–2101. DOI: 10.1109/JIOT.2019.2960248.
- [6] Sairam, K.V.S.S.S.S., Gunasekaran, N., and Redd, S.R. "Bluetooth in wireless communication". In: *IEEE Communications Magazine* 40.6 (2002), pp. 90–96. DOI: 10.1109/MCOM.2002.1007414.
- [7] Tosi, Jacopo et al. "Performance Evaluation of Bluetooth Low Energy: A Systematic Review." In: Sensors (Basel, Switzerland 17 (Dec. 2017). DOI: 10.3390/s17122898.
- [8] Bhargava, Madhur. *IoT projects with Bluetooth low energy: harness the power of connected things*. Packt, 2017.
- [9] Narendra, PrithviRaj, Duquennoy, Simon, and Voigt, Thiemo. "BLE and IEEE 802.15.4 in the IoT: Evaluation and Interoperability Considerations". In: *Internet of Things. IoT Infrastructures*. Ed. by Benny Mandler et al. Cham: Springer International Publishing, 2016, pp. 427–438. ISBN: 978-3-319-47075-7.
- [10] Microchip. "Bluetooth Low Energy Packet Types". In: (). URL: http://aiweb.techfak.uni-bielefeld.de/content/bworld-robot-control-software/.

- [11] Yarali, Abdulrahman, Ahsant, Babak, and Rahman, Saifur. "Wireless Mesh Networking: A Key Solution for Emergency Rural Applications". In: (2009), pp. 143–149. DOI: 10.1109/MESH.2009.33.
- [12] Sirur, Shruthi et al. "A mesh network for mobile devices using Bluetooth low energy". In: (2015), pp. 1–4. DOI: 10.1109/ICSENS.2015.7370451.
- [13] Nilsson, Mikael and Deknache, Hadi. "Investigation of Bluetooth Mesh and Long Range for IoT wearables". In: *Malmö University, Faculty of Technology and Society* (2018).
- [14] Baert, Mathias et al. "The Bluetooth Mesh Standard: An Overview and Experimental Evaluation". In: *Sensors* 18 (July 2018), p. 2409. DOI: 10. 3390/s18082409.
- [15] Darroudi, Seyed Mahdi, Caldera-Sànchez, Raül, and Gomez, Carles. "Bluetooth Mesh Energy Consumption: A Model". In: *Sensors* 19 (Mar. 2019), p. 1238. DOI: 10.3390/s19051238.
- [16] Adomnicai, Alexandre, Fournier, Jacques J. A., and Masson, Laurent. "Hardware Security Threats Against Bluetooth Mesh Networks". In: (2018), pp. 1–9. DOI: 10.1109/CNS.2018.8433184.
- [17] Pi, Raspberry. "Raspberry Pi OS". In: (). URL: https://www.raspberrypi.org/documentation/raspbian/.
- [18] petzval. "btferret: Bluetooth Interface for Raspberry Pi". In: (). URL: https://github.com/petzval/btferret.
- [19] Leung, Lawrence. "Validity, reliability, and generalizability in qualitative research". In: *Journal of family medicine and primary care* 4 (July 2015), pp. 324–7. DOI: 10.4103/2249-4863.161306.