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- [7] Löfqvist C, Pettersson C, Iwarsson S, Brandt A. (2012). Mobility and mobility-related participation outcomes of powered wheelchair and scooter interventions after 4-months and 1-year use. *Disability and Rehabilitation: Assistive Technology* 7(3): 211–218. <https://doi.org/10.3109/17483107.2011.619224>
- [8] Samuelsson K, Wressle E. (2014). Powered wheelchairs and scooters for outdoor mobility: A pilot study on costs and benefits. *Disability and Rehabilitation: AT* 9(4): 330-334. <https://doi.org/10.3109/17483107.2013.827244>
- [9] Larson J, Trivedi M. (2011). Lidar based off-road negative obstacle detection and analysis. *Intelligent Transportation Systems (ITSC)*, pp. 192-197. <https://doi.org/10.1109/ITSC.2011.6083105>
- [10] Murarka A, Sridharan M, Kuipers B. (2008). Detecting obstacles and drop-offs using stereo and motion cues for safe local motion. *IEEE/RSJ IROS*, pp. 702-708. <https://doi.org/10.1109/IROS.2008.4651106>
- [11] Simpson R, LoPresti E, Hayashi S, Nourbakhsh I, Miller D. (2004). The smart wheelchair component system. *JRRD* 41(3B): 429. <https://doi.org/10.1682/JRRD.2003.03.0032>
- [12] Ka HW, Simpson R, Chung Y. (2012). Intelligent single switch wheelchair navigation. *Disability and Rehabilitation: Assistive Technology* 7(6): 501–506.
- [13] Coughlan JM, Shen H. (2007). Terrain analysis for blind wheelchair users: Computer vision algorithms for finding curbs and other negative obstacles. *CVHI*.
- [14] Devigne L, Narayanan VK, Pasteau F, Babel M. (2016). Low complex sensor-based shared control for power wheelchair navigation. *Intelligent Robots and Systems (IROS), 2016 IEEE/RSJ International Conference on. IEEE*, pp. 5434–5439. <https://doi.org/10.1109/IROS.2016.7759799>
- [15] Espiau B, Chaumette F, Rives P. (1992). A new approach to visual servoing in robotics. *IEEE Transactions on Robotics and Automation* 8(3): 313-326. <https://doi.org/10.1109/70.143350>
- [16] Babel M, Pasteau F, Guégan S, Gallien P, Nicolas B, Fraudet B, Achille-Fauveau S, Guillard D. (2015). HandiViz project: clinical validation of a driving assistance for electrical wheelchair. *IEEE ARSO, Lyon, France, Jul*.
- [17] Devigne L, Babel M, Nouviale F, Narayanan V, Pasteau F, Gallien P. (2017). Design of an immersive simulator for assisted power wheelchair driving. *IEEE ICORR'17*. <https://doi.org/10.1109/ICORR.2017.8009379>