REFERENCES

[1] G. L. Beauregard, M. A. Srinivasan, and N. I. Durlach. Manual reso-
lution of viscosity and mass. In *Proceedings of the ASME Dynamic
Systems and Control Division*, pages 657–662, 1995.

[2] W. M. Bergmann Tiest, A. C. L. Vrijling, and A. M. L. Kappers. Hap-
tic perception of viscosity. In *EuroHaptics*, pages 29–34, 2010.

[3] J. Cohen. *Statistical Power Analysis for the Behavioral Sciences*.
Routledge Academic, 2nd edition, 1988.

[4] C. Duller. *Einführung in die nichtparametrische Statistik mit SAS
und R: Ein anwendungsorientiertes Lehr- und Arbeitsbuch*. Physica-
Verlag (Springer), 1st edition, 2008.

[5] G. A. Gescheider. *Psychophysics: The Fundamentals*. Lawrence Erl-
baum Associates, 3rd edition, 1997.

[6] N. Gurari and A. M. Okamura. Human performance in a knob-turning
task. *World Haptics Conference*, pages 96–101, 2007.

[7] ISO. ISO 26022:2010 Road vehicles – Ergonomic aspects of transport
information and control systems – Simulated lane change test to assess
in-vehicle secondary task demand. Norm, International Organization
for Standardization, Geneva, Switzerland, 24. August 2010.

[8] L. A. Jones and I. W. Hunter. A perceptual analysis of viscosity. *Ex-
perimental Brain Research*, 94(2):343–351, 1993.

[9] F. A. A. Kingdom and N. Prins. *Psychophysics: A Practical Introduc-
tion*. Academic Press, 1st edition, 2010.

[10] M. Kühner and J. Wild. Implementation of a High Accurate Active
Damping on a DC Motor in Order to Investigate the Haptic Percep-
tion of Viscous Friction. In *Proceedings of Hefei-Heilbronn Workshop
2010 – Research and Education in Mechatronics (Heilbronn 2010)*,
2010.

[11] S. Mattes. The Lane Change Task as a Tool for Driver Distraction
Evaluation. In H. Strasser, K. Kluth, H. Rausch, and H. Bubb, editors,
*Quality of Work and Products in Enterprises of the Future (Munich
2003)*, Stuttgart, Germany, 2003. Ergonomia Verlag.

[12] R Development Core Team. *R: A Language and Environment for Sta-
tistical Computing*. R Foundation for Statistical Computing, Vienna,
Austria, 2009. ISBN 3-900051-07-0.

[13] J. Reisinger. *Parametrisierung der Haptik von handbetätigten Stelltei-
len*. PhD thesis, Technische Universität München, Munich, Germany,
2009.

[14] J. Reisinger, J. Wild, G. Mauter, and H. Bubb. Haptical feeling of
rotary switches. In *Proceedings of Eurohaptics 2006 – EHC2006*,
pages 49–55, Paris, France, 2006.

[15] G. W. Scott Blair and F. M. V. Coppen. The subjective judgment
of the elastic and plastic properties of soft bodies; the "differen-
tial thresholds" for viscosities and compression moduli. *Procee-
dings of the Royal Society of London. Series B, Biological Sciences*,
128(820):109–125, 1939.

[16] H. Z. Tan, S. Yang, Z. Pizlo, P. Buttolo, and M. Johnston. Manual
Detection of Spatial and Temporal Torque Variation through a Rotary
Switch. *IEEE Transactions on Haptics*, 1(2):96–107, July/Dec. 2008.

[17] J. W. Tukey. *Exploratory Data Analysis*. Addison Wesley, 1st edition,
1977.

[18] S. Yang, H. Z. Tan, P. Buttolo, M. Johnston, and Z. Pizlo. Thresholds
for Dynamic Changes in a Rotary Switch. In *Proceedings of Eurohap-
tics 2003*, 2003.