

DAFTAR PUSTAKA

- Asakawa, D., Jack T.D., Devin, L.J. (2017). Index finger and thumb kinematics and performance measurements for common touchscreen gestures. *Applied Ergonomics*. 58 (2017) 176-181. DOI: 10.1016/j.apergo.2016.06.004.
- Astell, A.J., Ellis, M.P., Bernardi, L., Alm, N., Dye, R., Gowans, G., Campbell, J., (2010). Using a touch screen computer to support relationships between people with dementia and caregivers. *Interact Comput*. 22, 267-275.
- Bourdieu, P. (1985). *The forms of capital*. In: Richardson, J.G. (Ed.). Handbook of Theory and Research for the Sociology of Education. Greenwood, New York, pp. 241–258.
- Boudioni, M. (2003). Availability and use of information touch-screen kiosks (to facilitate social inclusion. *Aslib Proc*. 55, pp.320-333.
- Bratadewi, V.K. (2018). A studi on touch-based pinch zooming and rotation. *Thesis*. Yogyakarta: Universitas Gadjah Mada.
- Burnett, A., Anderson, P.J., Joseph, R.M., Vogt, K. (2018). Hand preference and cognitive motor, and behavioral functioning in 10-year-old extremely preterm children. *Journal of Pediatrics*. DOI: 10.1016/j.peds.2017.11.056.
- Cahyono, T. (2015). *Statistik Uji Normalitas*. Purwokerto: Yayasan Sanitarian Banyumas (Yasamas). ISBN: 978-602-72170-1-0.
- Chung, M.K., Kim, D., Na, S., Lee, D. (2010). Usability evaluation of numeric entry tasks on keypad type and age. *International Journal of Industrial Ergonomic*. 40, 97-105.
- Chung, M.K., Dong, S.H. (2015). Effect of elastic touchscreen and input devices with different softness on user task performance and subjective satisfaction. *International Journal of Human-Computer Studies*. 83, 12-26. DOI:10.1016/j.ijhcs.2015.06.003.
- Greiner, T.M. (1991). Hand anthropometry of US army personnel. *Army Natick Research Development and Engineering Center MA*.

- Gustafsson, E., Coenen, P., Campbell, A., Straker, L. (2018). Texting with touch screen and keypad phones-a comparison of thumb kinematics, upper limb muscle activity, exertion discomfort, and performance. *Applied Ergonomics*. 70, pp 232-239.
- Hwangbo, H., Yoon, S.H., Jin, B.S., Han, Y.S., Ji, Y.G. (2013). A study of pointing performance of elderly users on smartphones. *International Journal of Human-Computer Interaction*. 29 (9), pp 604-618.
- Hornby, A S. (2015). *Oxford Advanced Learner's Dictionary*. Ninth Edition. United Kingdom: Oxford University Press.
- Jain, A., Kanhangad, V. (2019). Gender recognition in smartphones using touchscreen gestures. *Article in Pattern Recognition Letters*. 93 (6), 257-266. Doi: 10.1016/j.patrec.2019.06.008.
- Kang, H., Shin, G. (2017). Effects of touch target location on performance and physical demands of computer touchscreen use. *Applied Ergonomics*. 61 (5), 159-167. DOI: 10.1016/j.apergo.2017.01.015.
- Kietrys, D.M., Gerg. M.J., Dropkin, J., Gold, J.E. (2015). Mobile input device type, texting style, and screen size influence upper extremity and trapezius muscle activity, and cervical posture while texting. *Applied Ergonomics*. 50, 98-104.
- Kourtis, D., Vingerhoets, G. (2016). Evidence for dissociable effects handedness and consistency of hand preference in allocation of attention and movement planning: An EGG investigation. *Neuropsychologia*. 93 (12), pp 493-500. DOI: 10.1016/j.neuropsychologia.2016.01.023.
- Kwon, K-D. (2010). "Smart phone shaping the future." *Samsung Economic Research Institute*.
- Marlow, N., Ni, Y., Beckmann, J., O'Relly, H., Johnson, S., Wolke, D., Morris, J.K. (2019) Hand preference develops across childhood and adolescence in extremely preterm children: The EPICure study. *Pediatric Neurology*. DOI: 10.1016/j.pediatrneurol.2019.04.007.
- Montgomery, D.C., Runger, G.C. (2011). *Applied Astatistics and Probability for Engineers Fifth Edition*.. John Wiley & Sons, Inc. ISBN: 978-0-470-05304-1.
- Moore, K.L. (2002). Analisis Klinis Dasar. Jakarta: Hipokrates.

- Nuryadi., Astuti, T.D., Utami, E.S., Budiantara, M. (2017). *Dasar-Dasar Statistika Penelitian*. Yogyakarta: Sibuku Media. ISBN: 978-602-6558-04-6.
- Pearce, C.E. (2009). *Anatomi dan Fisiologi untuk Paramedis*. Jakarta. Gramedia.
- Pratap, Rudra., Ruina, A. (2002). *Introduction to Statics and Dynamics*. Oxford University Press.
- Rahma, A. (2018). Pengguna *Smartphone* Akan Tembus Seratus Juta. <https://bisnis.tempo.co/read/1061671/pengguna-smartphone-akan-tembus-100-juta-kemenperin-siapkan-ini> diakses pada 23 Februari 2018 pukul 22:46 WIB.
- Ryu, T., Lim, J., Song, J. (2013) Performance comparison between the preferred right and preferred left hands in text entry using Qwerty touch keyboard smartphone. *International Journal of Industrial Ergonomic*. 400-405.
- Sears, A., (1991). Improving touchscreen keyboards: design issues and a comparison with other devices. *Interact Comput*. 3, 253-269.
- Shervin, N., Dorrwachter, J., Bragdon, C.R., Shervin, D., Zurakowski, D., Malchau, H. (2011). Comparison of paper and computer-based questionnaire modes for measuring health outcomes in patients undergoing total hip arthroplasty. *J Bone Joint Surg*. 93, 285-293.
- Takahashi, D. (2018). <http://venturebeat.com/2018/09/11/newzoo-smartphone-users-will-top-three-billion-in-2018-hit-3-8-billion-by-2021/> diakses pada 3 Juli 2019 pukul 22:21 WIB.
- Tao, D., Yuan, J., Shuang, L., Qu, X. (2018). Effect of button design characteristics on performance and perceptions of touchscreen use. *International Journal of Industrial Ergonomics*. 64, 59-68. DOI: 10.1016/j.ergon.2017.12.001.
- Tim Editorial. (2015). <http://de-teknologi.com/2015/04/apa-beda-phablet-dan-tablet/> diakses pada 13 Juli 2019 pukul 15:52.
- Tim Editorial. (2019). <http://bp-guide.id/mau-beli-tablet-simak-dulu-10-rekomendasi-tablet-8-inci-terbaik> diakses pada 4 Juli 2019 pukul 20:34 WIB.
- Walsh, T., Delahunt, E., Persson, U.M. (2011). Effects of tapping on thumb alignment and force application during PA mobilisations. *Man. Ther*. 16, 264-269.

- Wang, D., Xiang, Z., Fesenmaier, D.R. (2014). Adapting to the mobile world: a model of smartphone use. *Ann. Tourism Res.* 48, 11–26.
- Wolf, K., Tomfelde, C.M., Cheng, K., Wechsung, I. (2012). PinchPad: Performance of touch-based gestures while grasping devices. In *Proceedings of the Sixth International Conference on Tangible, Embedded and Embodied Interaction (TEI'12)*. ACM, New York, USA. 103-110. DOI: 10.1145/2148131.2148155.
- Xiong, J., Muraki, S. (2016). Effects of age, thumb length and screen size on thumb movement coverage on smartphone touchscreens. *International Journal of Industrial Ergonomics*. 53, 140-148. DOI: 10.1016/j.ergon.2015.11.004.
- Yi, J., Park, S., Kyung., G. (2019). Ambivalent effect of display curvature on smartphone usability. *Applied Ergonomic*. 78 (7), 13-25. DOI: 10.1016/j.apergo.2019.02.002.
- Yoo, H., Yoon, J., Ji, H. (2015). Index finger zone: Study on touchable area expandability using thumb and index finger. In *Proceedings of the 17th International Conference on Human-Computer with Mobile Devices and Services Adjunct (MobileHCI '15)*. ACM, New York, USA. 803-810. DOI: 10.1145/2786567.2793704.