













[3] K. Renaud and M. Volkamer. Exploring mental models underlying PIN management strategies. In *World Congress on Internet Security (WorldCIS 2015)*, pages 18-23, 2015.

[4] S. Schechter and J. Bonneau. Learning assigned secrets for unlocking mobile devices. In *Symposium on Usable Privacy and Security (SOUPS)*, 2015.

[5] J. H. Huh, M. Bashir, H. Kim, K. Deznosov, and R. B. Bobba. On the memorability of system-generated PINs: Can chunking help? In *SOUPS*, Menlo Park, California, 9-11 July 2014.

[6] K. Renaud and E. Smith. Jiminy: Helping users to remember their passwords. In *Annual Conference of the South African Institute of Computer Scientists and Information Technologists. SAICSIT'2001*, pages 73-80, Pretoria, South Africa, 2001.

[7] P. Andriotis, T. Tryfonas, and G.Oikonomou. Complexity metrics and user strength perceptions of the pattern-lock graphical authentication method. In *HCI International*, Crete, Greece, June 2014.

[8] N. Berry. PIN Analysis. DataGenetics; <http://www.datagenetics.com/blog/september32012/index.html> (10 November 2015).