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Nota di contenuto	Introduction -- Background -- Sketch-Based Authentication -- Efficiency, Uniqueness, and Robustness -- Human-Computer Interaction -- Experiments and Results -- Conclusions -- Appendix: Optimization -- Appendix: Subspace Approximations.
Sommario/riassunto	This SpringerBrief explores graphical password systems and examines novel drawing-based methods in terms of security, usability, and human computer-interactions. It provides a systematic approach for recognizing, comparing, and matching sketch-based passwords in the context of modern computing systems. The book offers both a security and usability analysis of the accumulative framework used for incorporating handwriting biometrics and a human computer-interaction performance analysis. The chapters offer new perspectives and experimental results regarding model uniqueness, recognition tolerance, and the human-computer interaction. The results demonstrate that biometrics reduce the equal error rate (EER) by more than 10%, and show that people are capable of accurately reproducing

a sketch-based password. Fundamentals of Sketch-based Passwords: A General Framework targets computer scientists and engineers focused on computer security, biometrics, and human factors. Advanced-level students in computer science and electrical engineering will find this material useful as a study guide for their classes.
