

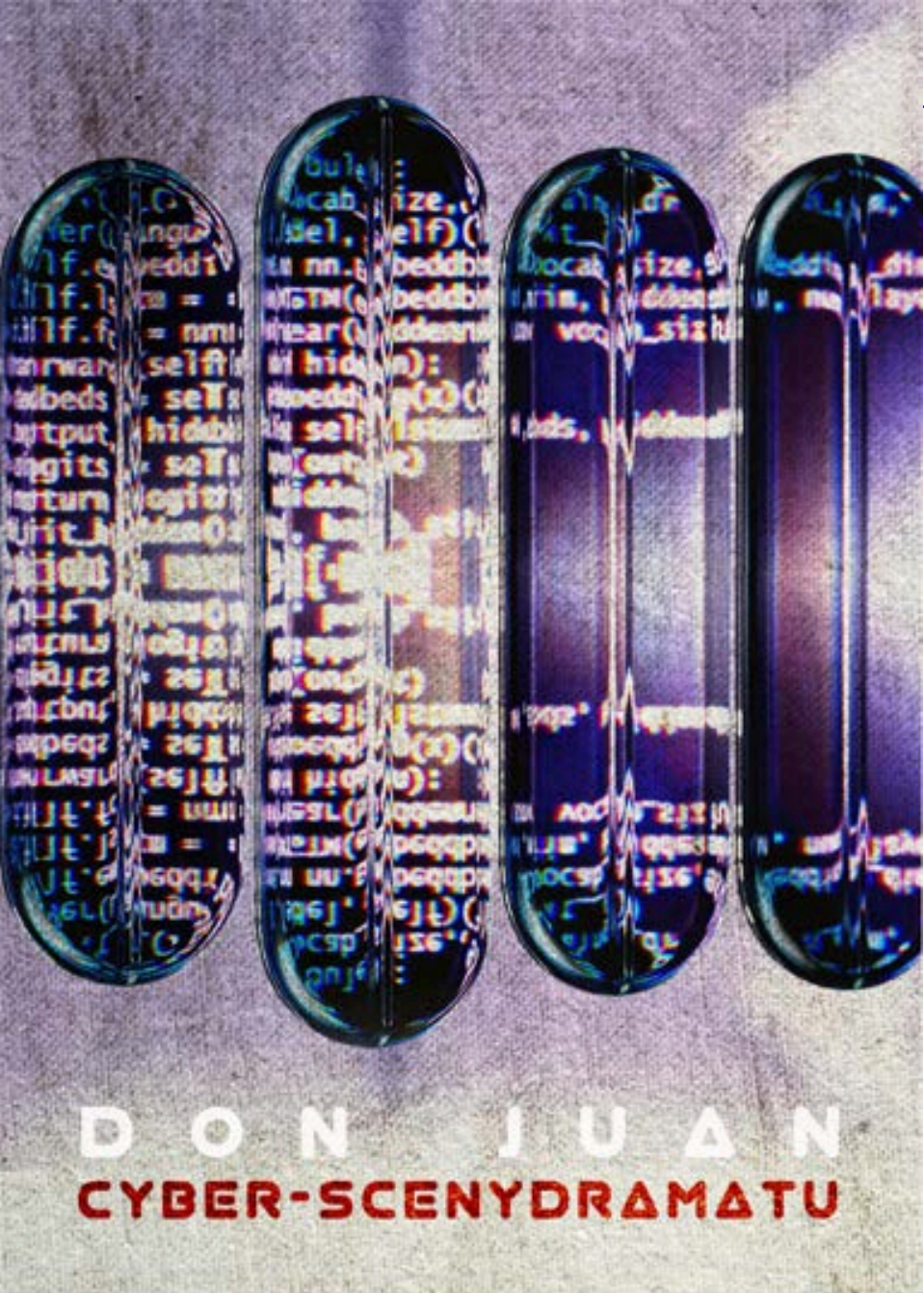
Cyberbezpieczeństwo w życiu codziennym

Bezpieczeństwo haseł

Piotr Pindelski

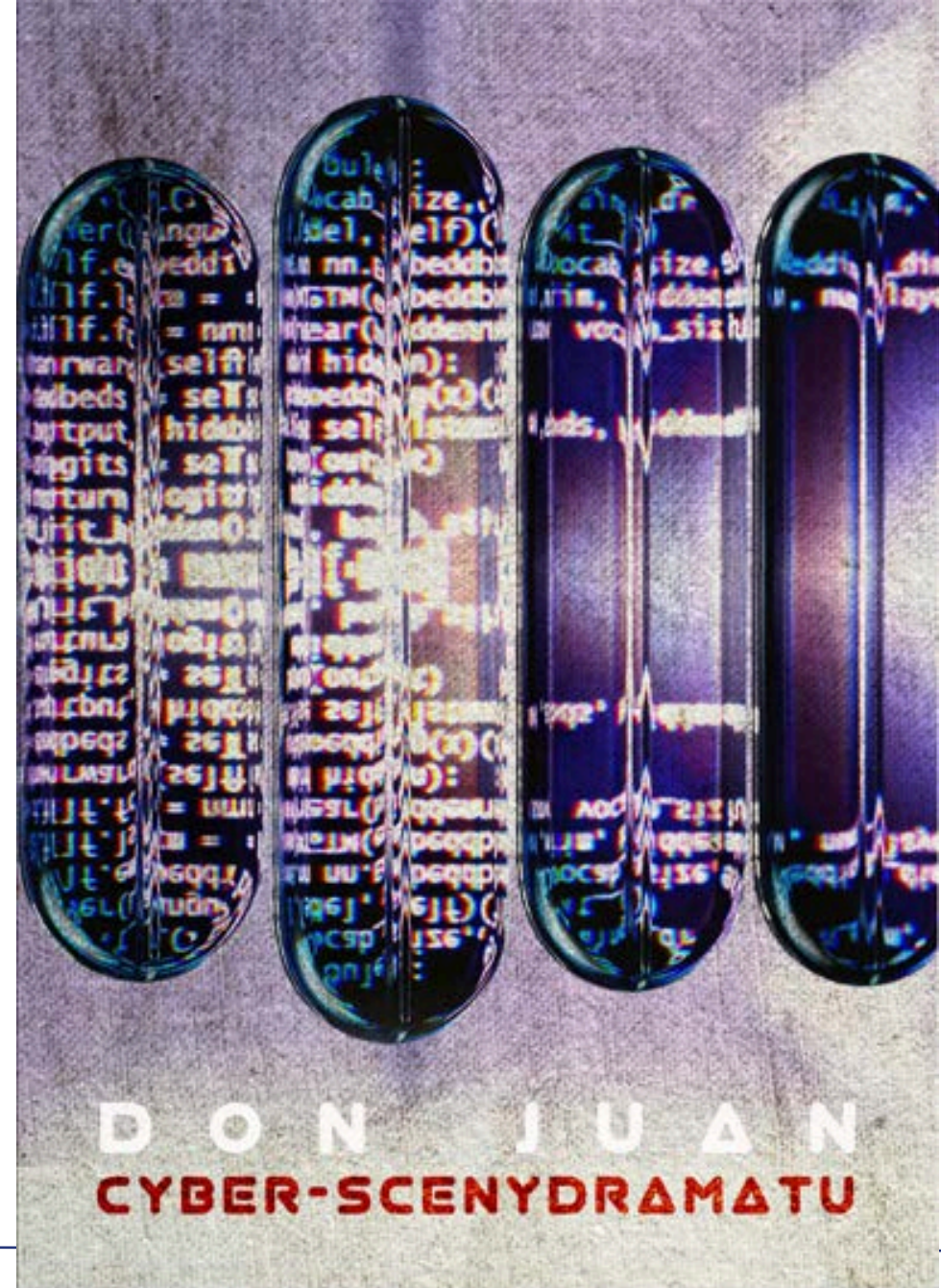
Dlaczego hasła wyciekają ?

- ✓ Phishing
- ✓ Wycieki danych
- ✓ Słabe hasła
- ✓ Złośliwe oprogramowanie



Następstwa wycieku hasła

- ✓ Przejęcie konta w sklepie/portalu internetowym
- ✓ Kradzież tożsamości
- ✓ Wyłudzenia/Oszustwa
- ✓ Kradzieże



Możemy sprawdzić czy nasze hasło wyciekło

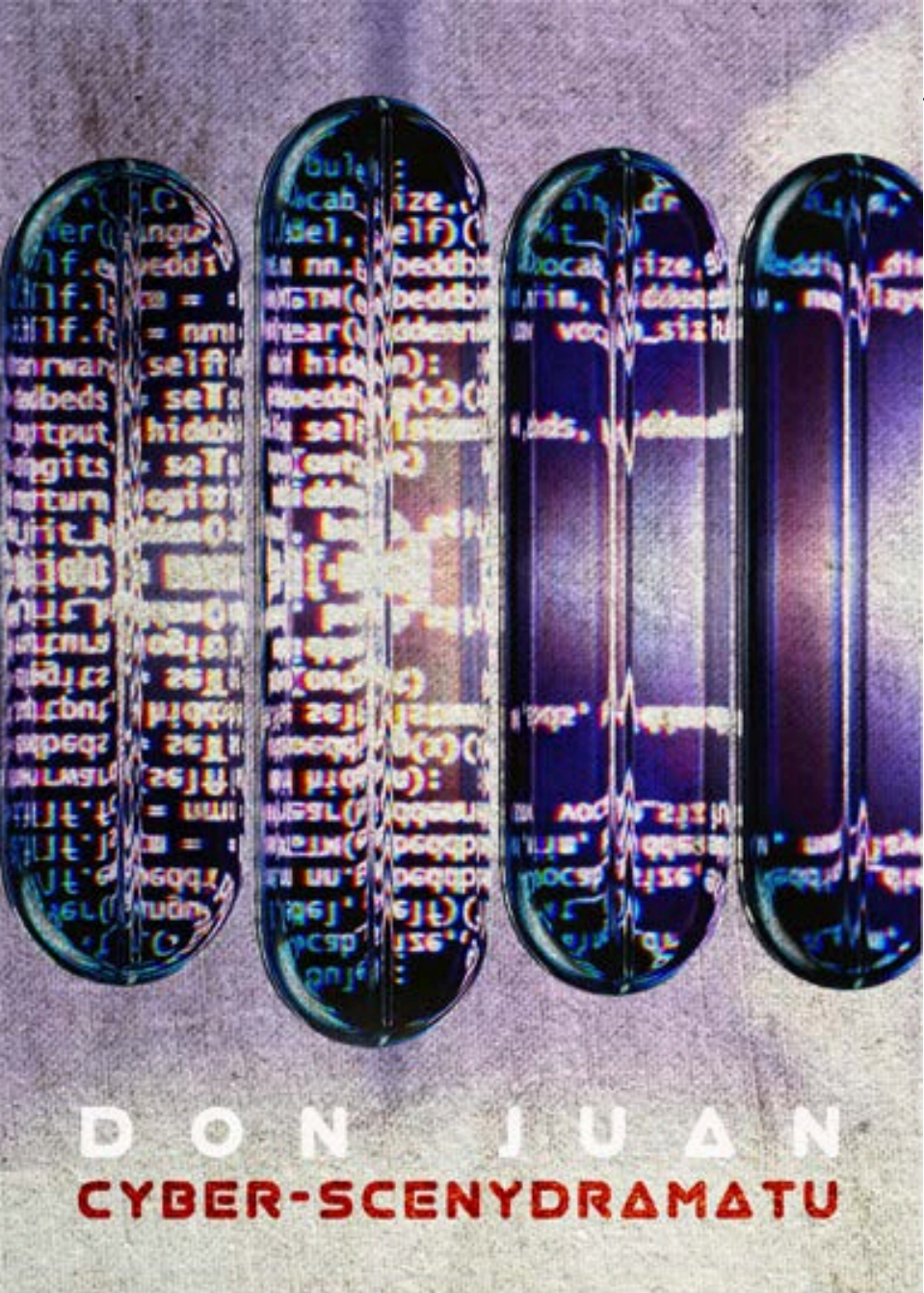
<https://haveibeenpwned.com>

The screenshot shows the homepage of haveibeenpwned.com. At the top, there is a navigation bar with links: Home, Notify me, Domain search, Who's been pwned, Passwords, API, About, and Donate. The main heading is "';--have i been pwned?" with the subtext "Check if your email address is in a data breach". Below this is a search input field containing "superrzadkiadresemail@gmail.com" and a "pwned?" button. The result is "Good news — no pwnage found!" with the subtext "No breached accounts and no pwnage (subscribe to search sensitive breaches)". Below the result is a section titled "3 Steps to better security" with a "Start using 1Password.com" button. The steps are: Step 1: Protect yourself using 1Password to generate and save strong passwords for each website; Step 2: Enable 2 factor authentication and store the codes inside your 1Password account; Step 3: Subscribe to notifications for any other breaches. Then just change that unique password. At the bottom, there are social media icons and a "Donate" button.

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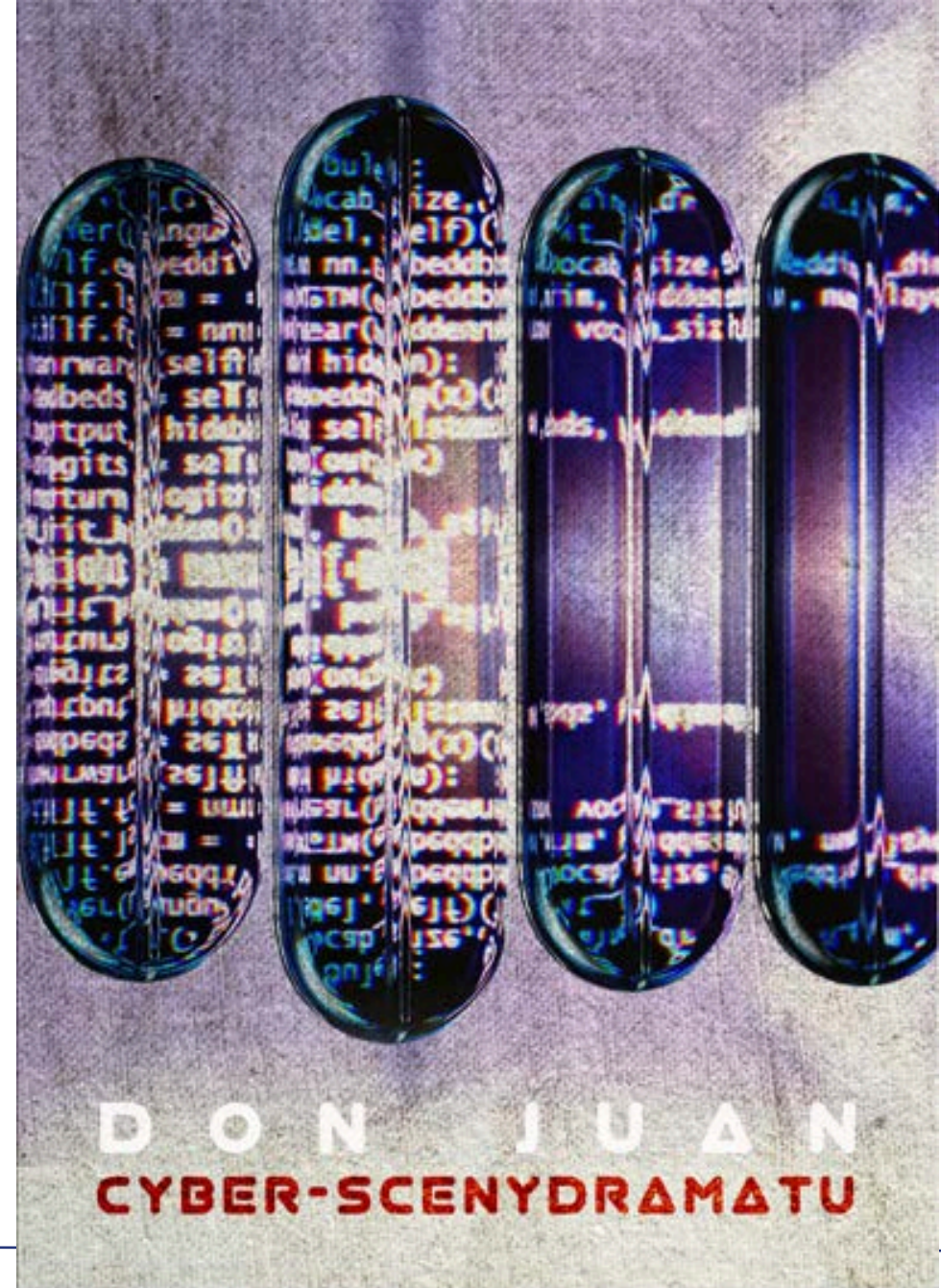
Jakie powinno być hasło ?

- ✓ Unikatowe
- ✓ Długie (> 16 znaków)
- ✓ Złożone (małe i duże litery, cyfry, znaki specjalne)



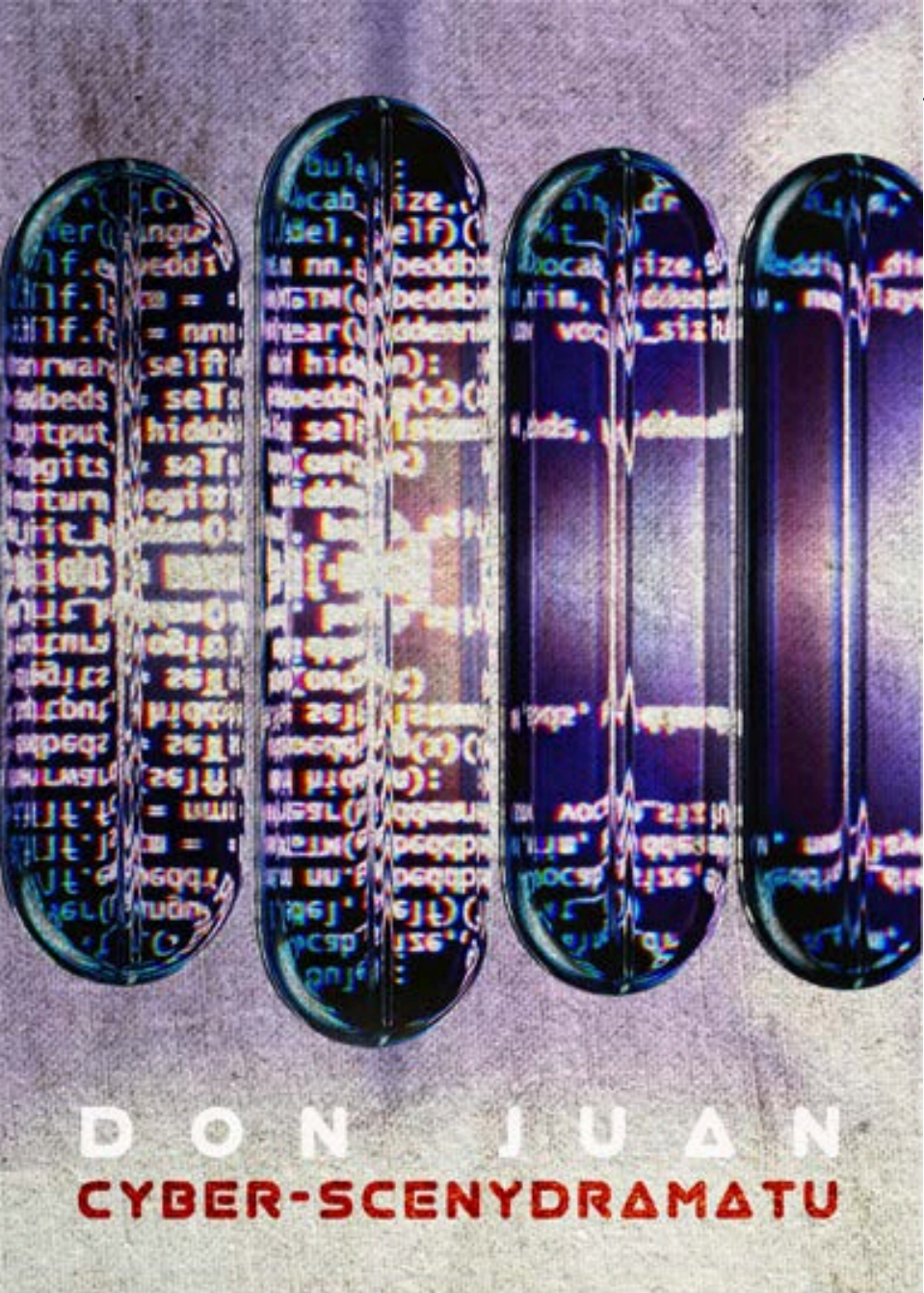
Co zrobić, jak żyć ?

- ✓ Stosuj hasła dedykowane
- ✓ Używaj managera haseł
- ✓ Używaj uwierzytelniania dwuskładnikowego



Czym może być drugi składnik ?

- ✓ Jednorazowy kod z SMS/E-MAIL
- ✓ Programowy token
- ✓ Fizyczny token



Dziękuję za uwagę.