



# DEMISTYFIKACJA STEGANOGRAFII

Marek Dalewski



*https://github.com/daishe*

STEGANOGRAFIA nauka o komunikacji w taki sposób, by obecność komunikatu nie mogła zostać wykryta. (...) steganografia próbuje ukryć fakt prowadzenia komunikacji.

ŹRÓDŁO

<https://pl.wikipedia.org/wiki/Steganografia>

# Marek Dalewski

## Demystyfikacja steganografii



**GitHub**

*<https://github.com/daishe>*



**GitHub**

*<https://github.com/daishe/demystyfikacja-steganografii>*

STEGANOGRAFIA nauka o komunikacji w taki sposób, by obecność komunikatu nie mogła zostać wykryta. (...) steganografia próbuje ukryć fakt prowadzenia komunikacji.

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*All problems in computer science can be solved by another level of indirection, except for the problem of too many layers of indirection.*

- David J. Wheeler

*Wszystkie problemy z informatyką mogą być rozwiązane kolejnym poziomem niebezpośredniości (abstrakcji), z wyjątkiem problemu zbyt wielu warstw niebezpośredniości.*

- David J. Wheeler

STEGANOGRAFIA nauka o **KOMUNIKACJI** w taki sposób, by **OBECNOŚĆ KOMUNIKATU** nie mogła zostać **WYKRYTA**. (...) steganografia próbuje **UKRYĆ** fakt prowadzenia **KOMUNIKACJI**.

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The background of the slide features a large, faint watermark-like diagram. It consists of a central red circle containing a white '@' symbol. An oval shape surrounds the word 'KOMUNIKACJI'. The text 'STEAGNOGRAFIA' is positioned above the oval, and 'WYKRYTA.' is below it. To the left of the oval, the words 'nauka o' are visible, and to the right, 'w taki sposób,' and 'nie mogła zostać UKRYĆ'.

STEAGNOGRAFIA nauka o **KOMUNIKACJI** w taki sposób, by  
**OBECNOŚĆ KOMUNIKATU** nie mogła zostać  
**WYKRYTA.** (...) steganografia próbuje **UKRYĆ**  
fakt prowadzenia **KOMUNIKACJI.**

ŹRÓDŁO

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Taijutsu wiadomości  
Ataki sieciowe 2017  
12 - 13 kwietnia 2017



STEGANOGRAFIA nauka o **OBECNOŚĆ WYKRYTA.** JI w taki sposób, by **KOMUNIKATU** nie mogła zostać **UKRYĆ** fakt prowadzenia **KOMUNIKACJI.**



ŽRÓDŁO

<https://pl.wikipedia.org/wiki/Steganografia>

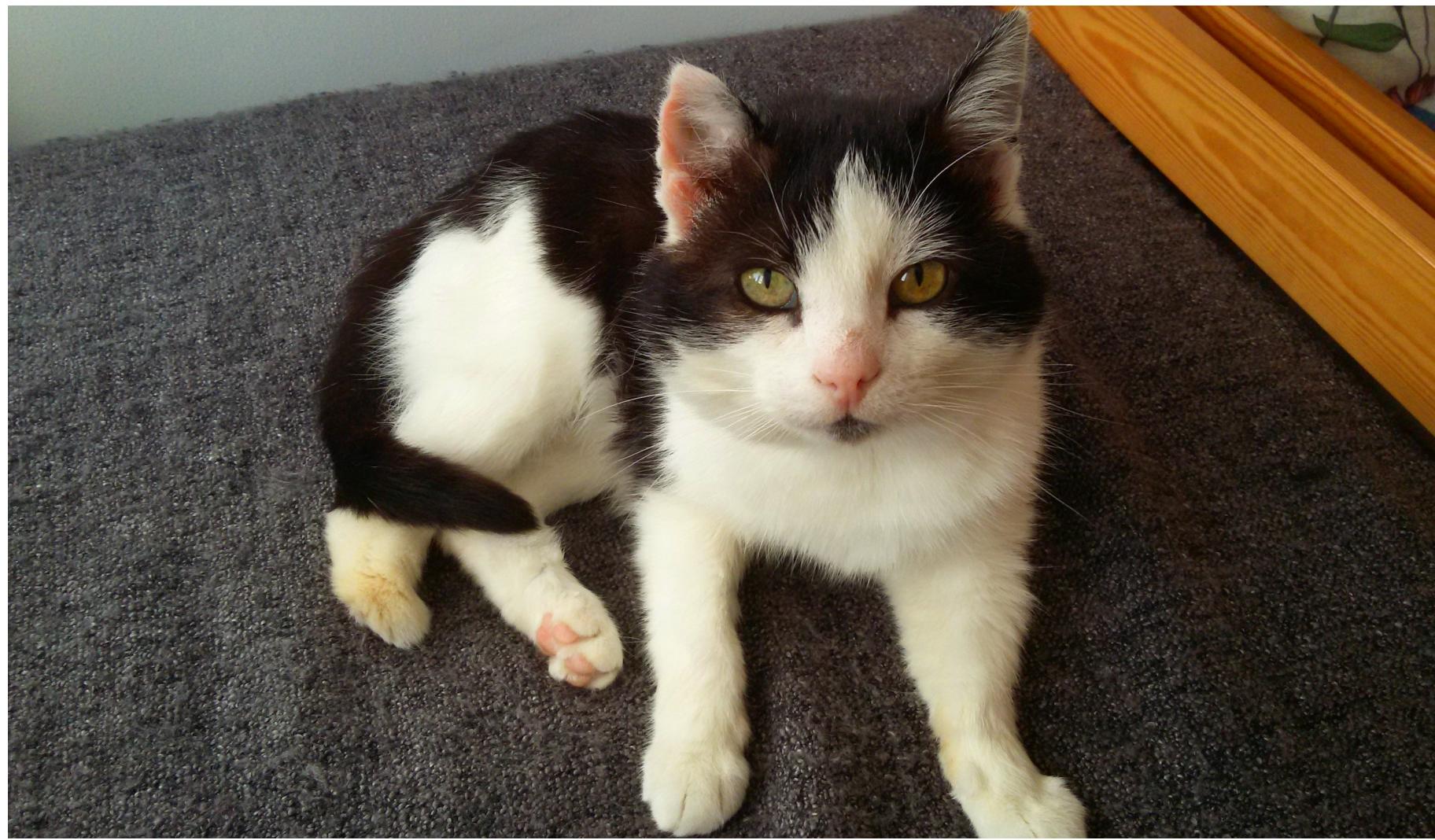
STEGANOGRAFIA nauka o  
**OBECNOŚĆ**  
**WYKRYTA.**



JI w taki sposób, by  
**KOMUNIKATU** nie mogła zostać  
wykryta.) steganografia próbuje **UKRYĆ**  
fakt prowadzenia **KOMUNIKACJI**.

ŹRÓDŁO

<https://pl.wikipedia.org/wiki/Steganografia>



**STEGANOGRAFIA** nauka o  
**OBECNOŚĆ**  
**WYKRYTA.**



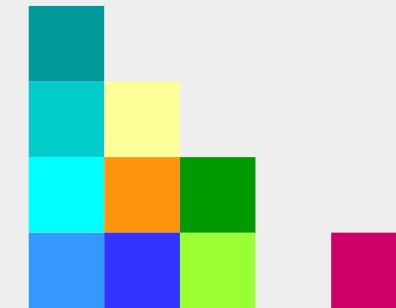
JI w taki sposób, by  
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fakt prowadzenia KONFERENCJI.



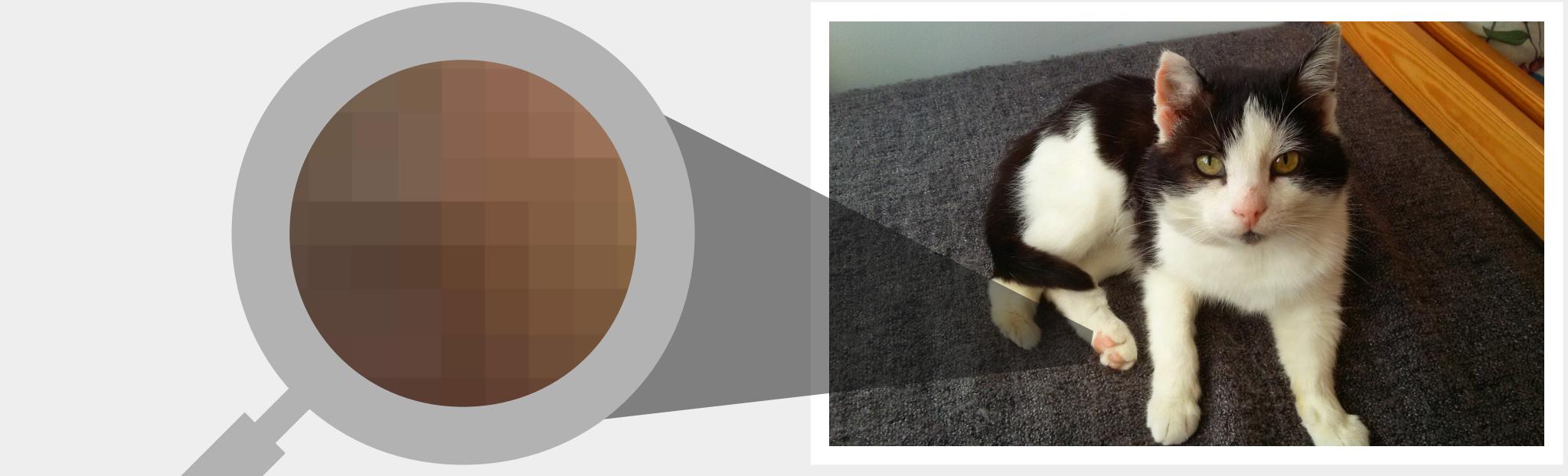
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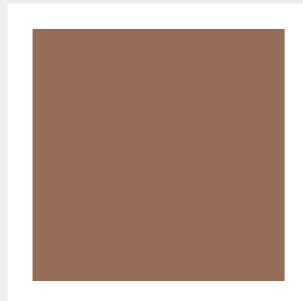
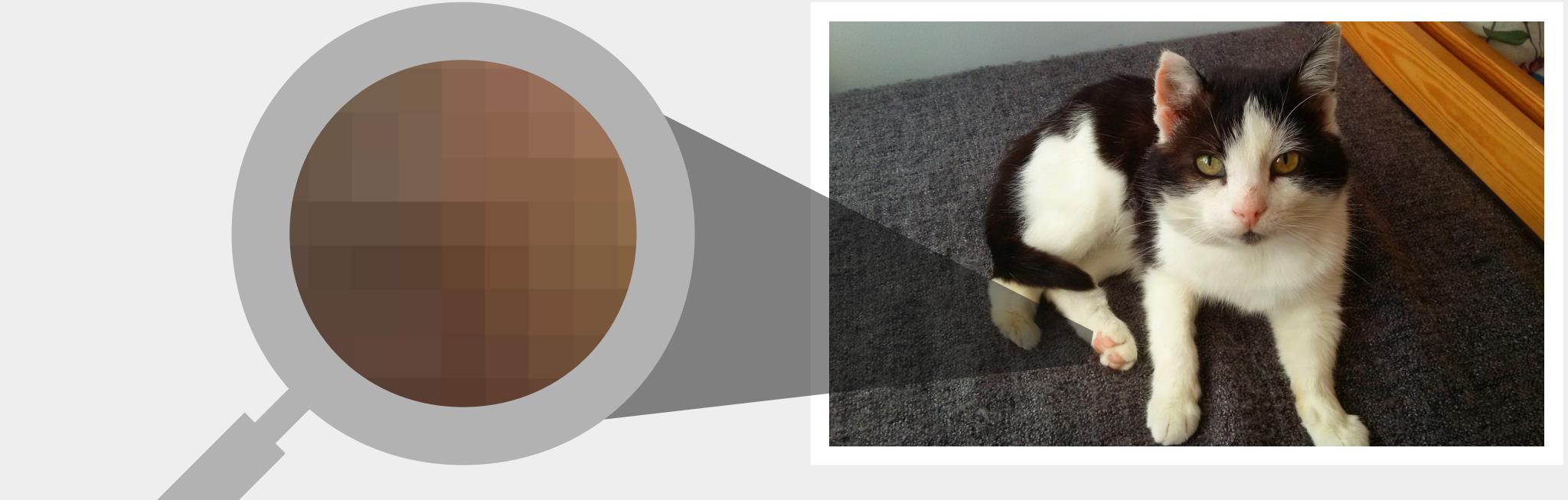
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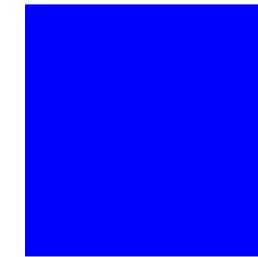
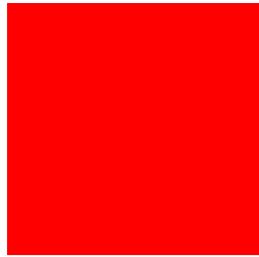








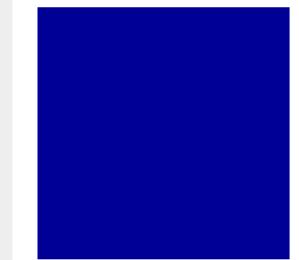
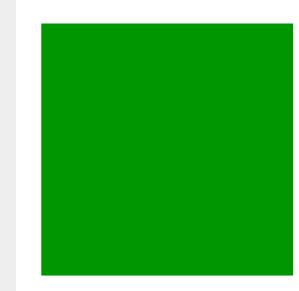
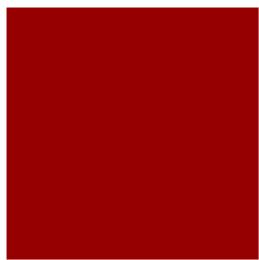
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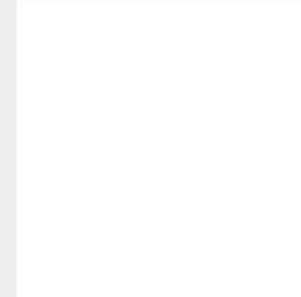
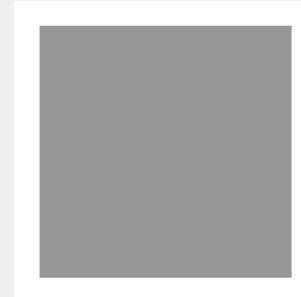
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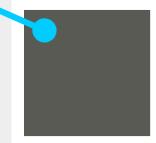
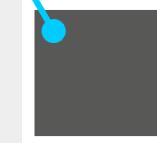
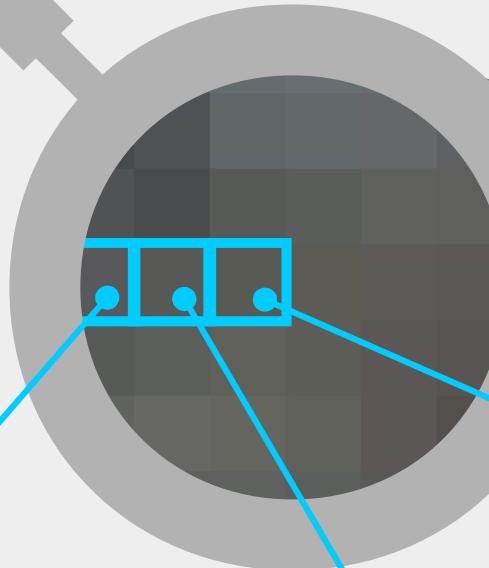


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# Wracając do steganografii





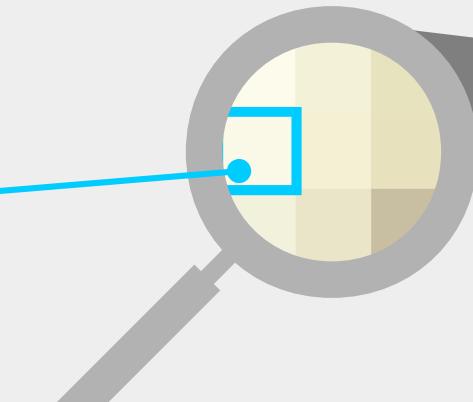
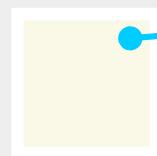


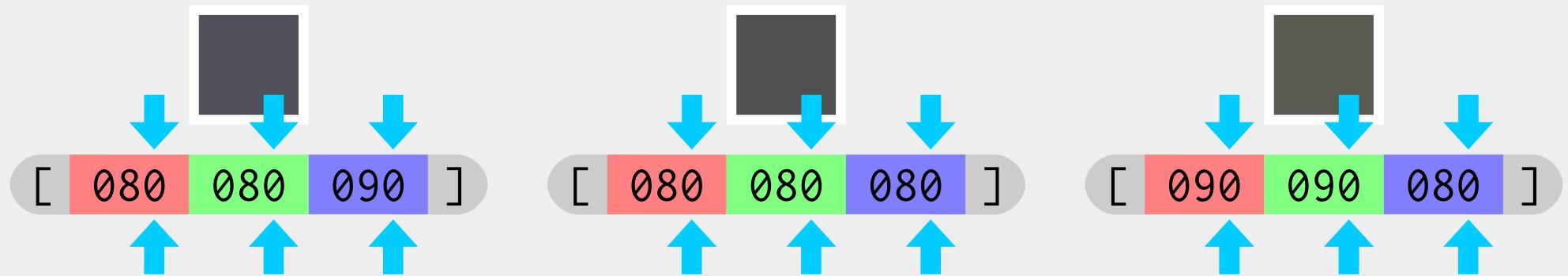
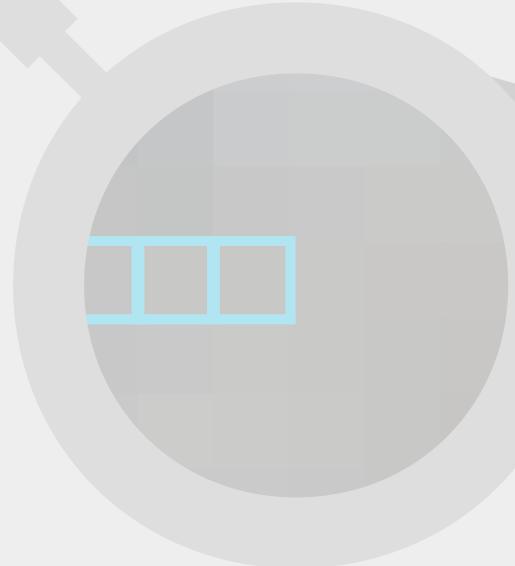
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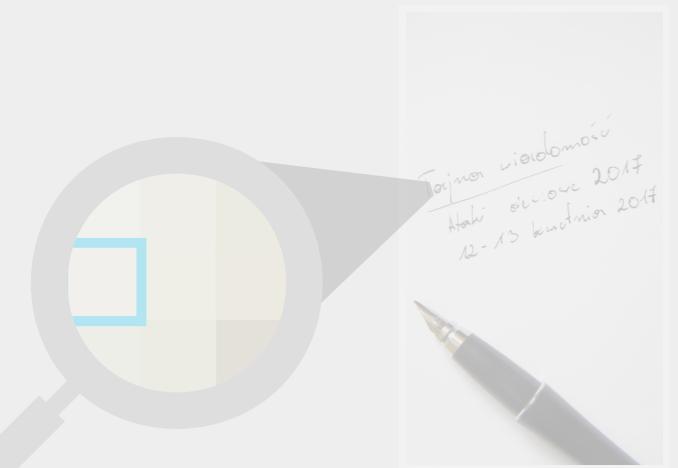
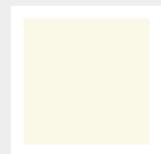
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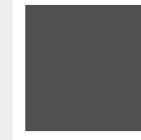
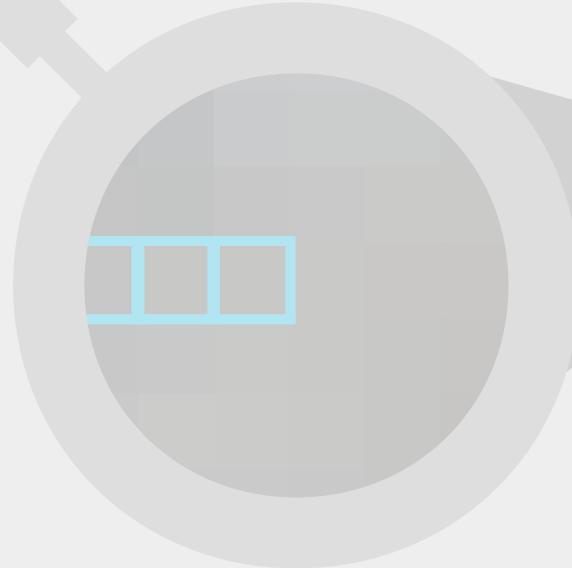
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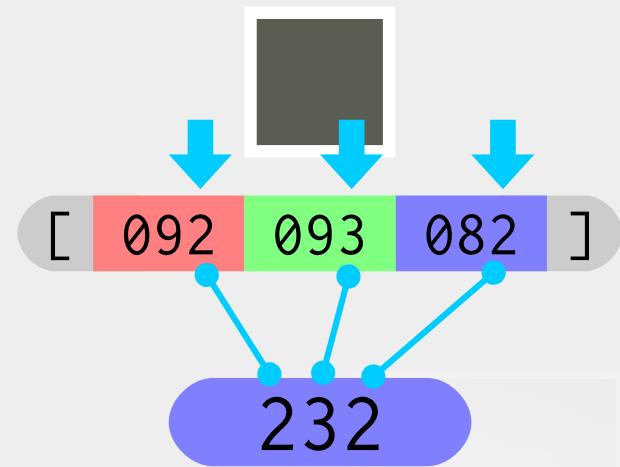
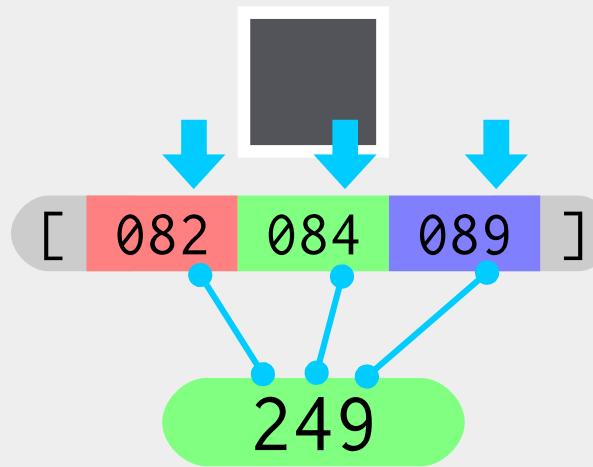
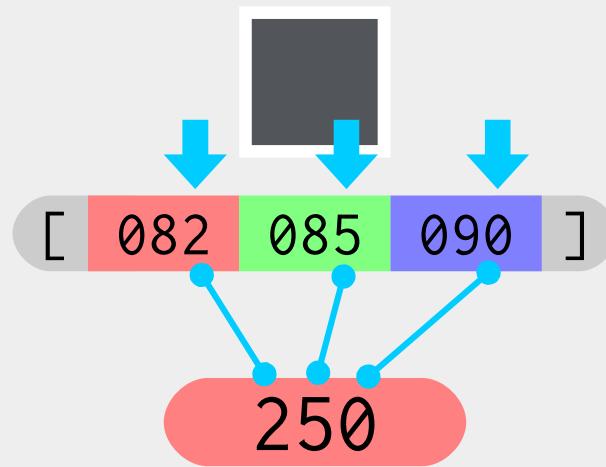
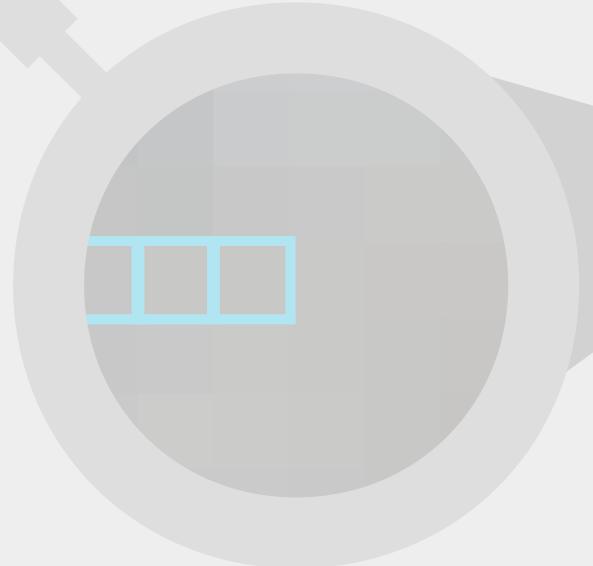
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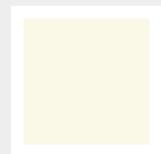


Stojan Wiedomski  
Hakki 08.06.2017  
12-15 kwietnia 2017



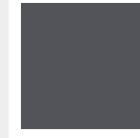
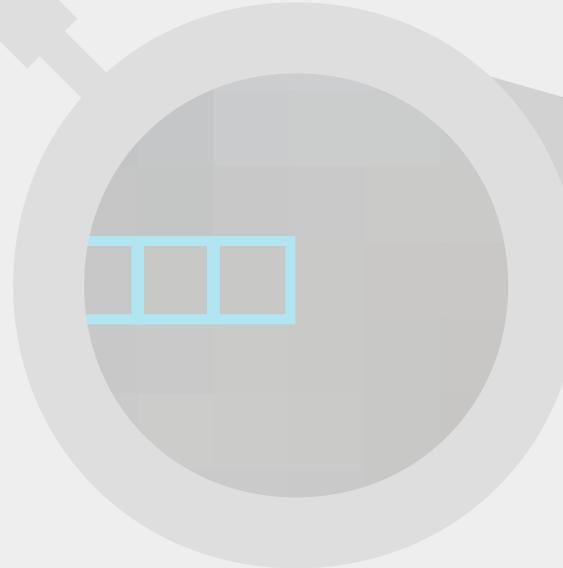


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Stojany wiedomosci  
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12-15 kwietnia 2017



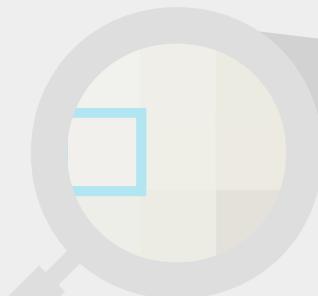


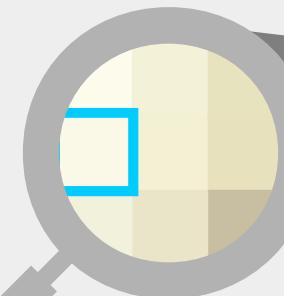
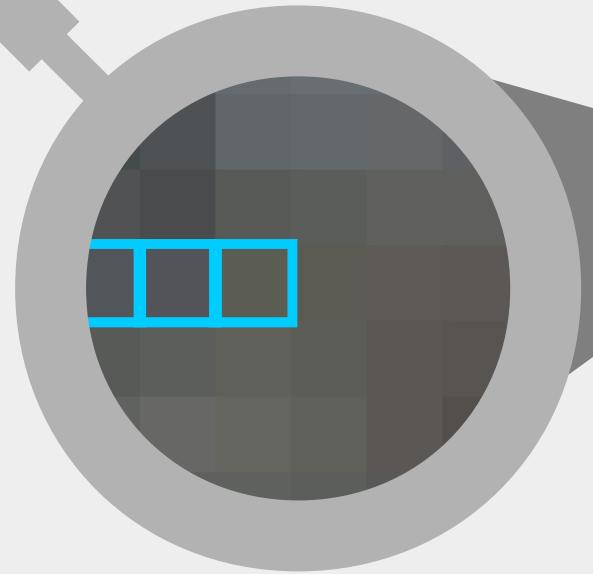
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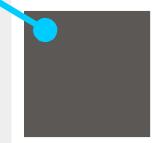
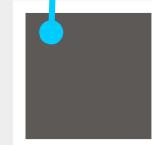
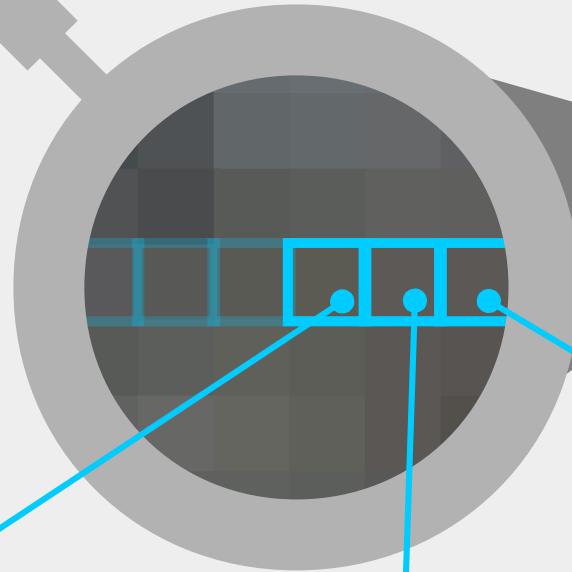
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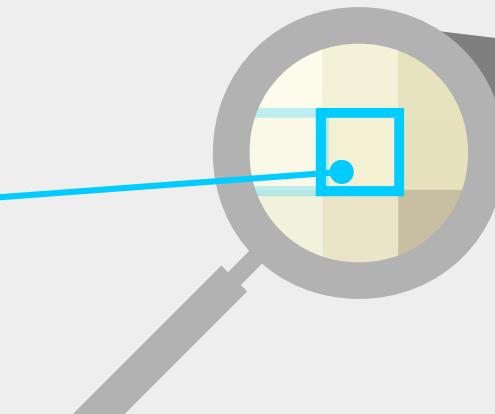


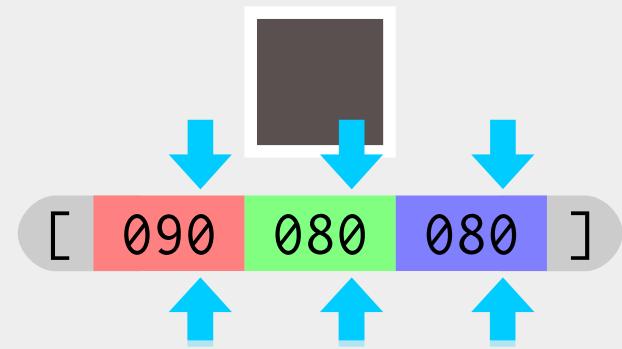
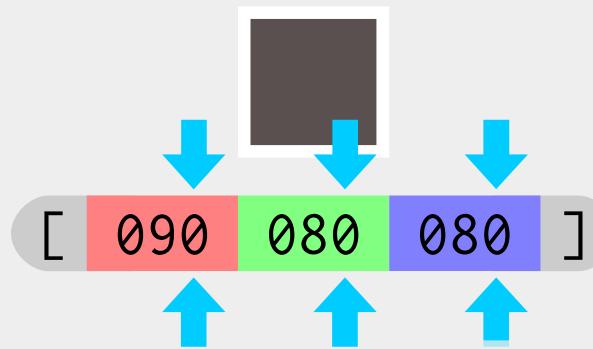
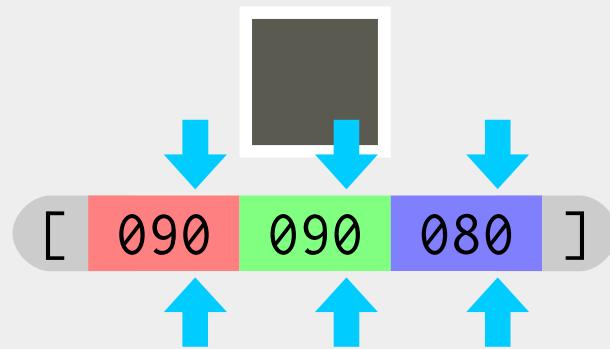
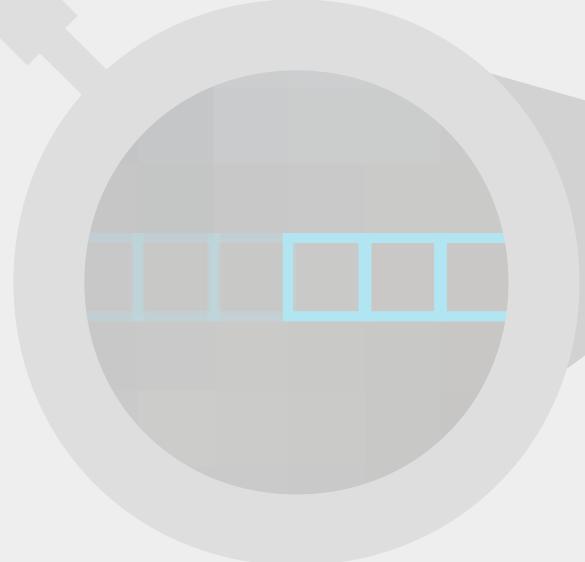
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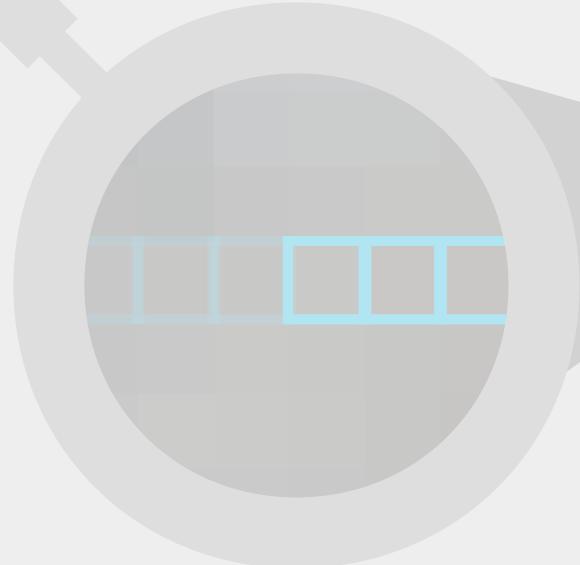
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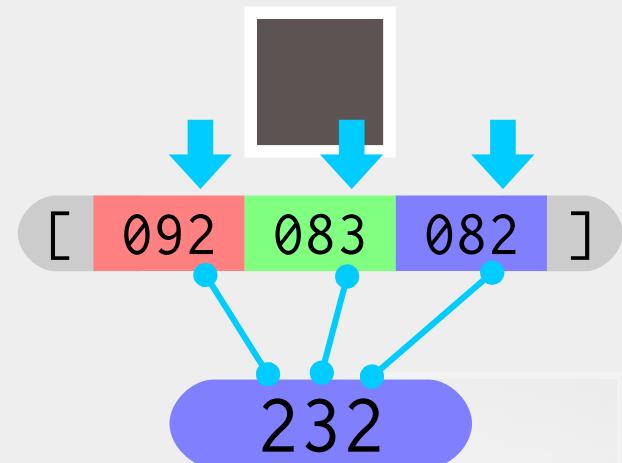
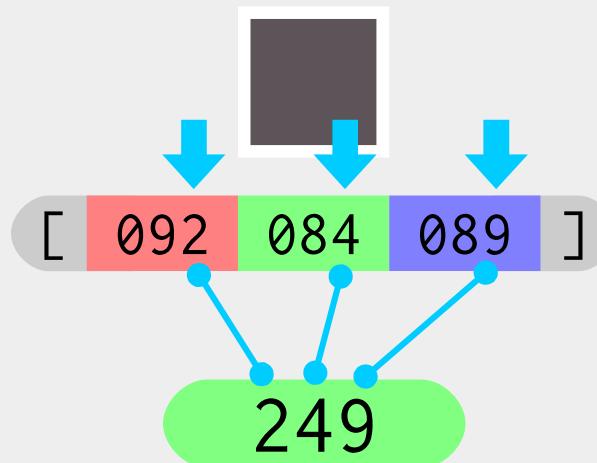
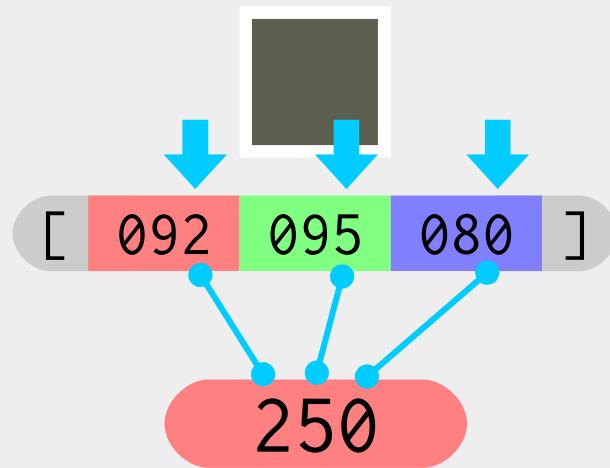
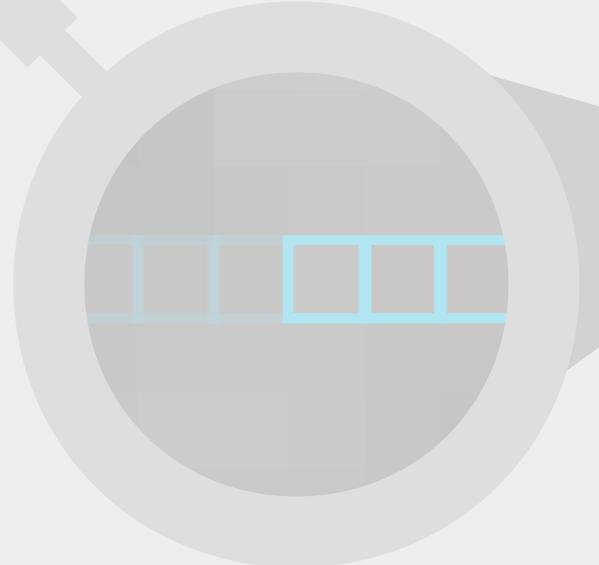
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Haki sier. 2017  
12-15 kwietnia 2017



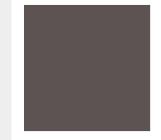
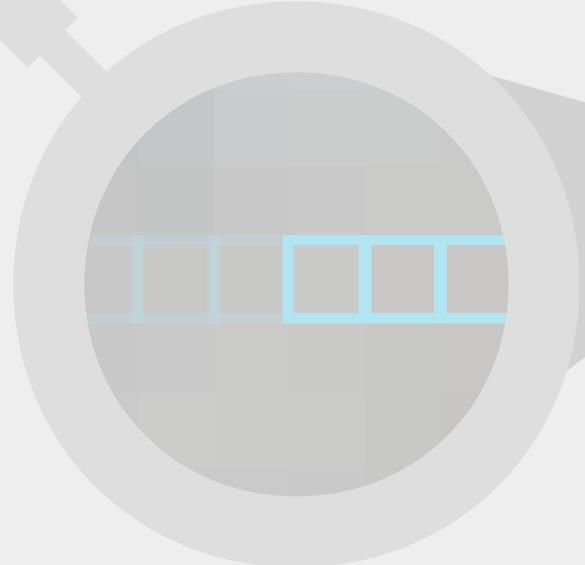


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12-15 kwietnia 2017





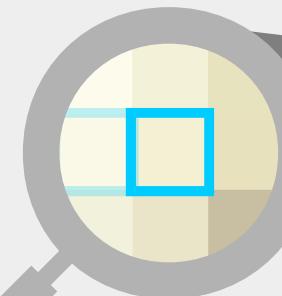
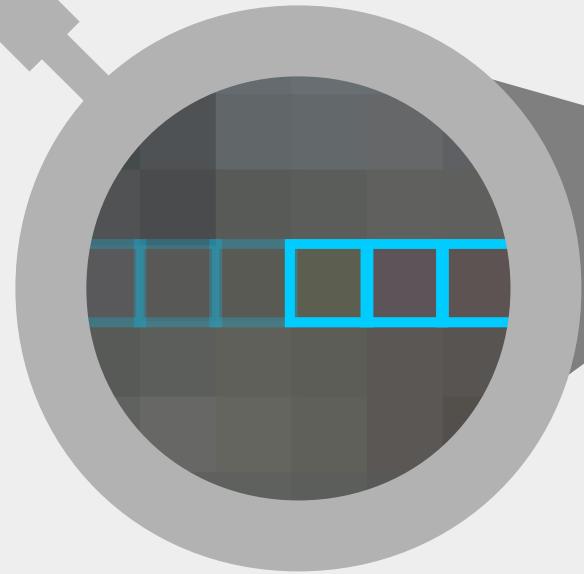
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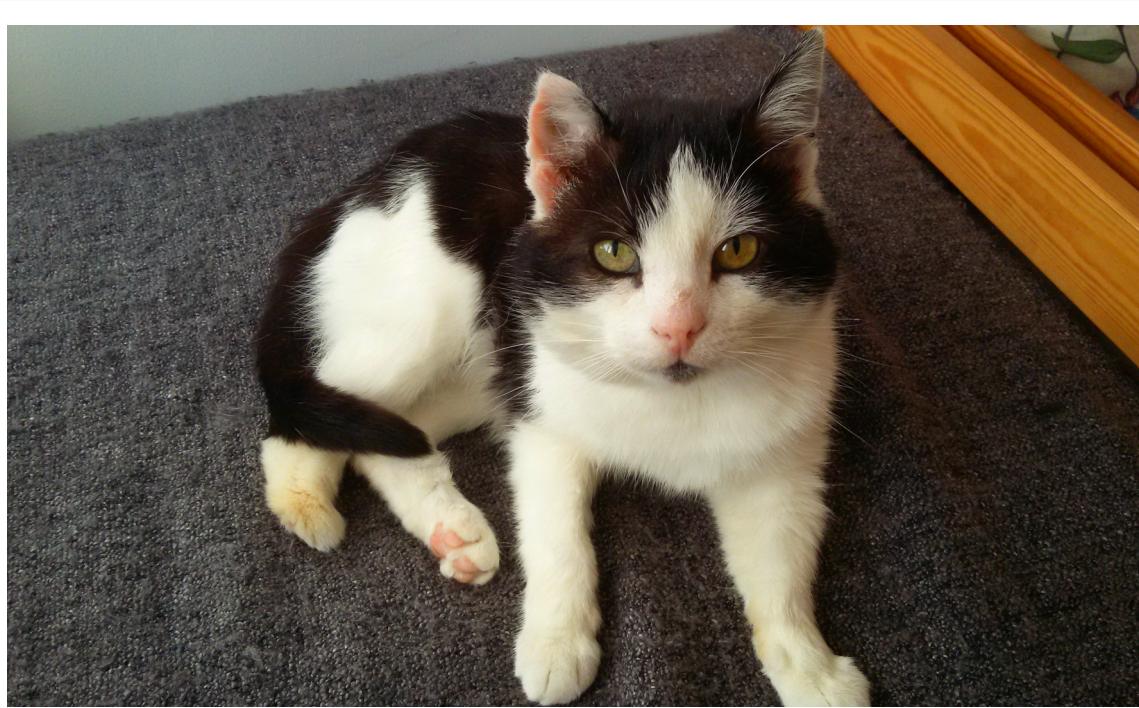
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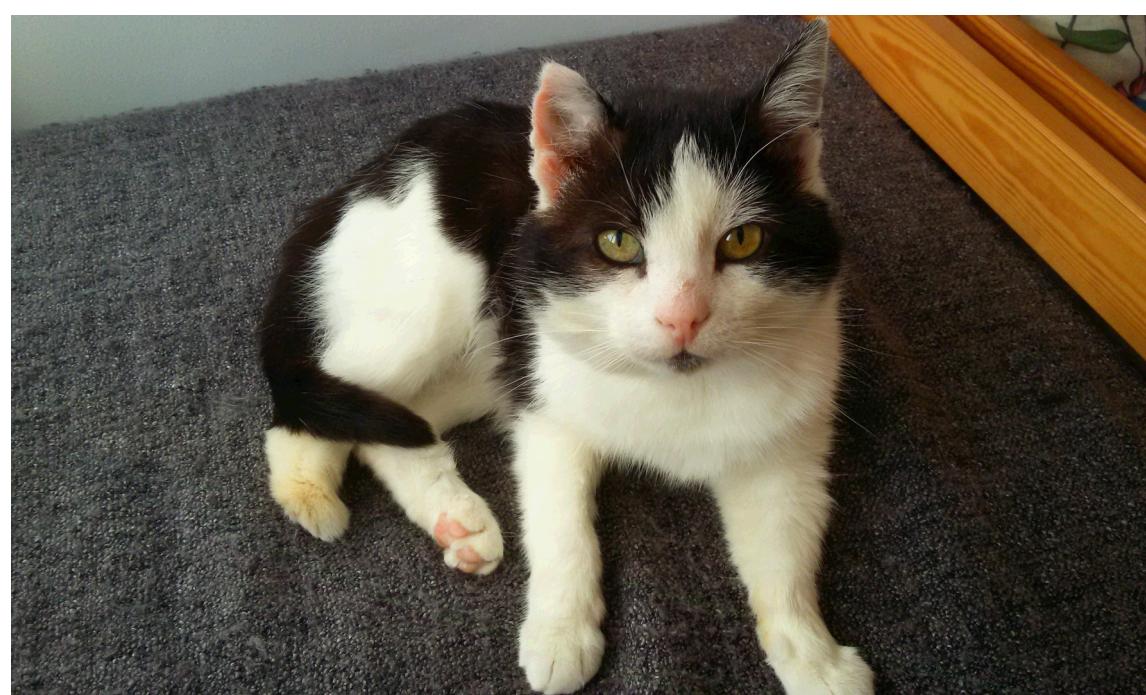
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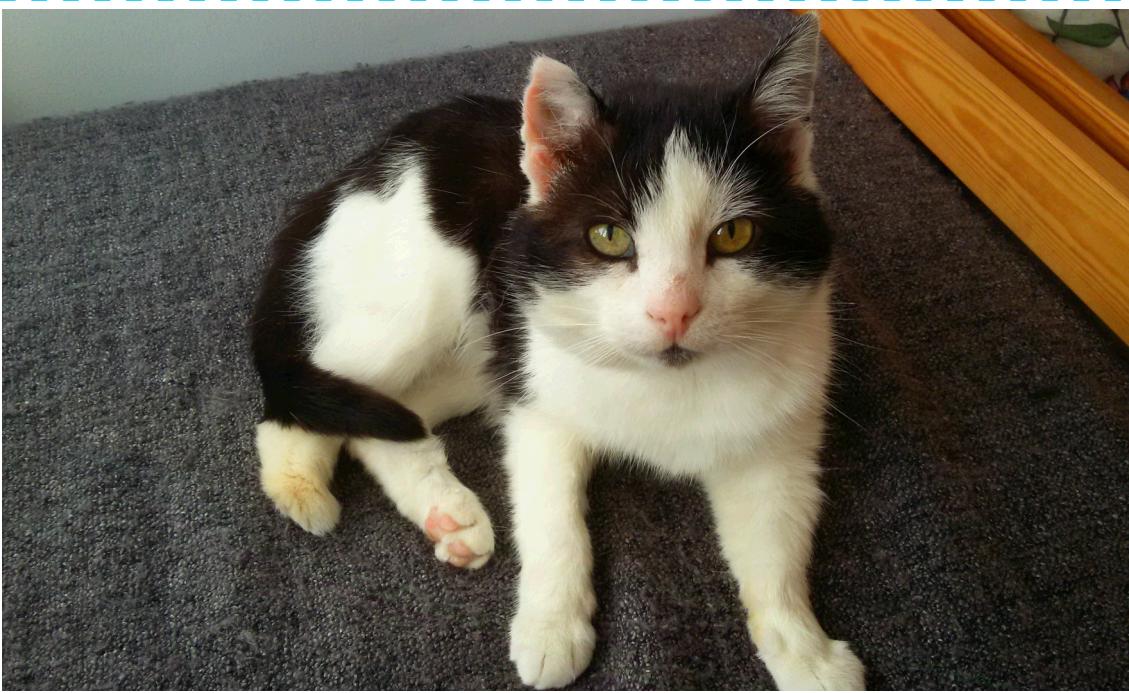






Z WIADOMOŚCIĄ

ORYGINAŁ



# Marek Dalewski

## Demystyfikacja steganografii



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**GitHub**

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