Playing “Spot the Difference” with Springer

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Rump Session
Recalling “Spot the Difference” games

Setup:

- Take a document (e.g., a picture).
- Introduce $N$ errors.
- Publish alternate next to the original and tell the player to find the $N$ differences.

Source: http://games2rule.com/
If you want to play:

- write a paper
- get it accepted at a conference with LNCS proceedings
- send your camera-ready paper to Springer’s “Scientific Publishing Services” (SPS).
- wait for the “final” version of your paper and start comparing.
“Spot the difference” games for LNCS authors

If you want to play:

• write a paper
• get it accepted at a conference with LNCS proceedings
• send your camera-ready paper to Springer’s “Scientific Publishing Services” (SPS).
• wait for the “final” version of your paper and start comparing.

Features:

• The number of errors $N$ will be much higher than in any small flash game on your smart phone.
• You won’t know $N$ in advance.
• You can play several rounds.
Example

- Players: Dan, Tanja, and I.
- Challenge document: article on Smaller decoding exponents: ball-collision decoding

We had the pleasure of playing 3 rounds in which we found 34, 14, and 1 errors, respectively.
Round 1:

References


Round 2:

References


Round 1:


[22] Clark, J.C., Gibb, C., Jain, A.: Error-correcting coding for digital communication, Pienen (1981); Citations in this document: 4


[31] Honary, B.: Cryptography and coding; proceedings of the 8th IMA international conference held in Cirencester. LNCS, vol. 2260. Springer, Heidelberg (2001); See [56]


Round 2:


[22] Clark, J.C., Gibb, C., Jain, A.: Error-correcting coding for digital communication, Pienen (1981); Citations in this document: 3


[31] Honary, B.: Cryptography and coding; proceedings of the 8th IMA international conference held in Cirencester. LNCS, vol. 2260. Springer, Heidelberg (2001); See [56]


Round 1:


[38] Prange, E.: The use of information sets in decoding cyclic codes. IEEE Transactions on Information Theory IT-5, 5–9 (1969); Citations in this document: §4


Round 2:


[38] Prange, E.: The use of information sets in decoding cyclic codes. IEEE Transactions on Information Theory IT-5, 5–9 (1969); Citations in this document: §4


My favorites (spoiler alert)
Renaming conferences

- ASIACRYPT 2009 $\rightarrow$ ASIACRYPT ’09.
- CRYPTO’87 $\rightarrow$ CRYPTO 1987

Extra fun: try entering “CRYPTO 1987” and “ASIACRYPT 09” on http://www.springerlink.com/ and see if you can find the proceedings.
Reversing the order of authors/editors:

- Cohen, G., Wolfmann, J. (eds.): Coding theory and applications.

Can introduce more errors by copy/paste-ing the whole bibliography from the submitted PDF and editing it (rather than using the submitted LaTeX source code):

- A new algorithm for ending minimum-weight words in
Can introduce more errors by copy/paste-ing the whole bibliography from the submitted PDF and editing it (rather than using the submitted LaTeX source code):

- A new algorithm for ending minimum-weight words in codewords → code-words.
A bib entry which should look like:

All-time favorite

A bib entry which should look like:


Round 1:

A bib entry which should look like:


Round 1:

Round 2:
In conclusion:

- I usually do not play “Spot the Difference” games because I consider my time too valuable to do so.
- Sadly Springer’s SPS doesn’t seem to care.