

# Playing “Spot the Difference” with Springer

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Rump Session

# Recalling “Spot the Difference” games



Source: <http://games2rule.com/>

## 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.

## “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.

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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

- [1] Adams, C.M., Meijer, H.: Security-related comments regarding McEliece's public-key cryptosystem. In: *Crypto 1987*, vol. 46, pp. 224–228 (1987); see also newer version [2]. Citations in this document: §4
- [2] Adams, C.M., Meijer, H.: Security-related comments regarding McEliece's public-key cryptosystem. *IEEE Transactions on Information Theory* 35, 454–455 (1988); see also older version [1]. Citations in this document: §1, §4

## Round 2:

### References

- [1] Adams, C.M., Meijer, H.: Security-related comments regarding McEliece's public-key cryptosystem. In: *Crypto'87* [46], pp. 224–228 (1987); see also newer version [2]. Citations in this document: §4
- [2] Adams, C.M., Meijer, H.: Security-related comments regarding McEliece's public-key cryptosystem. *IEEE Transactions on Information Theory* 35, 454–455 (1988); see also older version [1]. Citations in this document: §1, §4

## Round 1:

- [3] Al Jabri, A.: A statistical decoding algorithm for general linear block codes. In: IMA 2001, vol. 31, pp. 1-8 (2001); Citations in this document: [4]
- [4] Ashikhmin, A.E., Barg, A.: Minimal vectors in linear codes. *IEEE Transactions on Information Theory* 44, 2010-2017 (1998); Citations in this document: [5]
- [5] Barg, A., Krouk, E.A., van Tilborg, H.C.A.: On the complexity of minimum distance decoding of long linear codes. *IEEE Transactions on Information Theory* 45, 1392-1405 (1999); Citations in this document: [4], [5], [4], [5], [4], [5]
- [6] Batten, L., Safavi-Naini, R. (eds.) *ACISP 2006*. LNCS, vol. 4058. Springer, Heidelberg (2006) See [43]
- [7] Bernstein, D.J., Buchmann, J., Dahmen, E.: *Post-quantum cryptography*. Springer, Heidelberg (2009) See [44]
- [8] Bernstein, D.J., Lange, T., Peters, C.: Attacking and defending the McEliece cryptosystem. In: *PQCrypto 2008*, vol. 14, pp. 31-46 (2008), <http://eprint.iacr.org/2008/318> Citations in this document: [4], [1], [5], [3], [4], [4], [3]
- [9] Bernstein, D.J., Lange, T., Peters, C.: Smaller decoding exponents: ball-collision decoding (full version) (2010), <http://eprint.iacr.org/2010/585> Citations in this document: [7], [7], [5]
- [10] Bernstein, D.J., Lange, T., Peters, C., van Tilborg, H.C.A.: Explicit bounds for generic decoding algorithms for code-based cryptography. *WCC 2009* 5 (2009); Citations in this document: [5]
- [11] Berson, T.A.: Failure of the McEliece public-key cryptosystem under message-resend and related-message attack. *Crypto 1997* 33, 213-220 (1997); Citations in this document: [5]
- [12] Blaum, M., Farrell, P.G., van Tilborg, H.C.A.: *Information, coding and mathematics*. Kluwer International Series in Engineering and Computer Science, vol. 687. Kluwer, Dordrecht (2002) See [53]
- [13] Brent, R.P., Kung, H.T.: The area-time complexity of binary multiplication. *Journal of the ACM* 28, 521-534 (1981), <http://www.maths.anu.edu.au/~brent/pub/pub666.html> Citations in this document: [56]
- [14] Buchmann, J., Ding, J.: *Proceedings of the Post-quantum cryptography, second international workshop, PQCrypto 2008*, Cincinnati, OH, USA, October 17-19. Springer, Heidelberg (2008), See [8]. LNCS volume vanished!
- [15] Camion, P., Charpin, P., Harari, S.: Eurocode 1992: proceedings of the international symposium on coding theory and applications held in Udine, October 23-30. Springer, Heidelberg (1993), See [29]
- [16] Canteaut, A., Chabanne, H.: A further improvement of the weak factor in an attempt at breaking McEliece's cryptosystem. In: *EUROCODE*, vol. 99, 211 (1994), <http://www.inria.fr/rrrt/rr-2227.html> Citations in this document: [5]
- [17] Canteaut, A., Chabaud, F.: A new algorithm for finding minimum-weight words in a linear code: application to McEliece's cryptosystem and to narrow-sense BCH codes of length 511. *IEEE Transactions on Information Theory* 44, 367-378 (1998), <ftp://ftp.inria.fr/INRIA/tech-reports/RR/RR-2685.ps.gz> Citations in this document: [5], [4]
- [18] Canteaut, A., Sendrier, N.: Cryptanalysis of the original McEliece cryptosystem. *Asiacrypt 1998* 242, 187-199 (1998)
- [19] Chabanne, H., Courteau, B.: Application de la méthode de décodage itérative d'Omura à la cryptanalyse du système de McEliece. Université de Sherbrooke, Rapport de Recherche, vol. 122 (1993); Citations in this document: [4]

## Round 2:

- [3] Al Jabri, A.: A statistical decoding algorithm for general linear block codes. In: IMA 2001 [31], pp. 1-8 (2001); Citations in this document: [4]
- [4] Ashikhmin, A.E., Barg, A.: Minimal vectors in linear codes. *IEEE Transactions on Information Theory* 44, 2010-2017 (1998); Citations in this document: [4]
- [5] Barg, A., Krouk, E.A., van Tilborg, H.C.A.: On the complexity of minimum distance decoding of long linear codes. *IEEE Transactions on Information Theory* 45, 1392-1405 (1999); Citations in this document: [4], [4], [4], [4], [4]
- [6] Batten, L., Safavi-Naini, R. (eds.) *Proceedings of the 11th Australasian conference on Information security and privacy ACISP 2006*, Melbourne, Australia, July 35. LNCS, vol. 4058. Springer, Heidelberg (2006); See [43]
- [7] Bernstein, D.J., Buchmann, J., Dahmen, E.: *Post-quantum cryptography*. Springer, Heidelberg (2009); See [44]
- [8] Bernstein, D.J., Lange, T., Peters, C.: Attacking and defending the McEliece cryptosystem. In: *PQCrypto 2008* [11], pp. 31-46 (2008), <http://eprint.iacr.org/2008/318> Citations in this document: [4], [4], [3], [4], [4]
- [9] Bernstein, D.J., Lange, T., Peters, C.: Smaller decoding exponents: ball-collision decoding (full version) (2010), <http://eprint.iacr.org/2010/585> Citations in this document: [4], [4], [5]
- [10] Bernstein, D.J., Lange, T., Peters, C., van Tilborg, H.C.A.: Explicit bounds for generic decoding algorithms for code-based cryptography. *WCC 2009* (2009); Citations in this document: [4]
- [11] Berson, T.A.: Failure of the McEliece public-key cryptosystem under message-resend and related-message attack. *Crypto 1997* [33], 213-220 (1997); Citations in this document: [4]
- [12] Blaum, M., Farrell, P.G., van Tilborg, H.C.A.: *Information, coding and mathematics*. Kluwer International Series in Engineering and Computer Science, vol. 687. Kluwer, Dordrecht (2002); See [53]
- [13] Brent, R.P., Kung, H.T.: The area-time complexity of binary multiplication. *Journal of the ACM* 28, 521-534 (1981), <http://www.maths.anu.edu.au/~brent/pub/pub666.html> Citations in this document: [4]
- [14] Buchmann, J., Ding, J. (eds.): *PQCrypto 2008*. LNCS, vol. 5299. Springer, Heidelberg (2008); see [5]
- [15] Camion, P., Charpin, P., Harari, S.: *Eurocode 1992*: proceedings of the international symposium on coding theory and applications held in Udine, October 23-30. Springer, Heidelberg (1993), See [29]
- [16] Canteaut, A., Chabanne, H.: A further improvement of the weak factor in an attempt at breaking McEliece's cryptosystem. In: *EUROCODE 1994* (1994), <http://www.inria.fr/rrrt/rr-2227.html> Citations in this document: [4]
- [17] Canteaut, A., Chabaud, F.: A new algorithm for finding minimum-weight words in a linear code: application to McEliece's cryptosystem and to narrow-sense BCH codes of length 511. *IEEE Transactions on Information Theory* 44, 367-378 (1998), <ftp://ftp.inria.fr/INRIA/tech-reports/RR/RR-2685.ps.gz> Citations in this document: [4], [4]
- [18] Canteaut, A., Sendrier, N.: Cryptanalysis of the original McEliece cryptosystem. In: *Asiacrypt '98* [42], pp. 187-199 (1998) [3], [4]
- [19] Chabanne, H., Courteau, B.: Application de la méthode de décodage itérative d'Omura à la cryptanalyse du système de McEliece. Université de Sherbrooke, Rapport de Recherche, vol. 122 (1993); Citations in this document: [4]

## Round 1:

- [20] Chabaud, F.: Asymptotic analysis of probabilistic algorithms for finding short code-words. In: [15], 175–183 (1993). Citations in this document: §4
- [21] Charpin, P.: Livre de résumés EUROCODE 1994. Abbaye de la Bussière sur Ouche, France (1994)
- [22] Clark Jr., G.C., Bibb Cain, J.: Error-correcting coding for digital communication, Plenum (1981). Citations in this document: §4
- [23] Coffey, J.T., Goodman, R.M.: The complexity of information set decoding. IEEE Transactions on Information Theory 35, 1031–1037 (1990). Citations in this document: §4
- [24] Coffey, J.T., Goodman, R.M., Farrell, P.: New approaches to reduced complexity decoding. Discrete and Applied Mathematics 33, 43–60 (1991). Citations in this document: §4, §5
- [25] Wolfmann, J., Cohen, G. (eds.) Coding Theory 1988. LNCS, vol. 388. Springer, Heidelberg (1989) See [50]
- [26] Dumer, I.I.: Two decoding algorithms for linear codes, Problemy Peredachi Informatsii, vol. 25, pp. 24–32 (1989). Citations in this document: §4
- [27] Dumer, I.I.: On minimum distance decoding of linear codes. In: [32], 50–52 (1991). Citations in this document: §4
- [28] Finiasz, M., Sendrier, N.: Security bounds for the design of code-based cryptosystems. In: Asiacrypt 2000, vol. 40 (2000). <http://eprint.iacr.org/2009/414> Citations in this document: §4, §4, §4, §4, §6, §2, §8, §8, §8, §8
- [29] van Tilburg, J.: On the McEliece public-key cryptosystem. In: Goldwasser, S. (ed.) CRYPTO 1988. LNCS, vol. 40, pp. 119–140. Springer, Heidelberg (1990)
- [30] Günther, C.G. In: Advances in Cryptology/EUROCRYPT 1988, Proceedings of the Workshop on the Theory and Application of Cryptographic Techniques Held in Davos. LNCS, vol. 330, Springer, Berlin (1988), See [38]
- [31] Honary, B.: Cryptography and coding: proceedings of the 8th IMA international conference held in Cirencester. LNCS, vol. 2260. Springer, Heidelberg (2001). See [3]
- [32] Kabatsianskii, G.A.: Fifth joint Soviet-Swedish international Workshop on Information Theory, Moscow 1991 (1991). See [27]
- [33] Kaliski Jr., B.S.: Proceedings Advances in Cryptology/CRYPTO '97: 7th annual international cryptography conference. LNCS, Santa Barbara, California, USA, August 17–21, vol. 1294. Springer, Heidelberg (1997), See [11]. LNCS volume deleted!
- [34] Kim, K.-C. Public key cryptography: proceedings of the 4th international workshop on practice and theory in public key cryptosystems (PKC 2001) held on Cheju Island. LNCS, February 13–15, vol. 1992. Springer, Heidelberg (2001). See [36]
- [35] Kleinjung, T., Aoki, K., Franke, J., Lenstra, A.K., Thomé, E., Bos, J.W., Gaudry, P., Kruppa, A., Montgomery, P.L., Osvik, D.A., to Riele, H., Timofeev, A., Zimmermann, P.: Factorization of a 768-bit RSA modulus. In: Crypto 2010, vol. 48 pp. 333–350 (2010). <http://eprint.iacr.org/2010/006> Citations in this document: §8
- [36] Kobara, K., Imai, H.: Semantically secure McEliece public-key cryptosystems conversions for McEliece PKC. In: PKC 2001, vol. 4, pp. 19–35 (2001). Citations in this document: §1
- [37] Krouk, E.A.: Decoding complexity bound for linear block codes. Problemy Peredachi Informatsii 25, 103–107 (1989). Citations in this document: §4, §4
- [38] Lee, P.J., Brickell, E.F.: An observation on the security of McEliece's public-key cryptosystem. In: Günther, C.G. (ed.) EUROCRYPT 1988. LNCS, vol. 330, pp. 275–280. Springer, Heidelberg (1988). Citations in this document: §4

## Round 2:

- [20] Chabaud, F.: Asymptotic analysis of probabilistic algorithms for finding short code-words. In: [15], 175–183 (1993). Citations in this document: §1
- [21] Charpin, P.: Livre de résumés EUROCODE '94. Abbaye de la Bussière sur Ouche, France (1994). See [16]
- [22] Clark Jr., G.C., Bibb Cain, J.: Error-correcting coding for digital communication, Plenum (1981). Citations in this document: §1
- [23] Coffey, J.T., Goodman, R.M.: The complexity of information set decoding. IEEE Transactions on Information Theory 35, 1031–1037 (1990). Citations in this document: §1
- [24] Coffey, J.T., Goodman, R.M., Farrell, P.: New approaches to reduced complexity decoding. Discrete and Applied Mathematics 33, 43–60 (1991). Citations in this document: §1, §2
- [25] Cohen, G.D., Wolfmann, J. (eds.) Coding Theory and Applications. LNCS, vol. 388. Springer, Heidelberg (1989). See [50]
- [26] Dumer, I.I.: Two decoding algorithms for linear codes, Problemy Peredachi Informatsii, vol. 25, pp. 24–32 (1989). Citations in this document: §1
- [27] Dumer, I.I.: On minimum distance decoding of linear codes. In: [32], 50–52 (1991). Citations in this document: §1
- [28] Finiasz, M., Sendrier, N.: Security bounds for the design of code-based cryptosystems. In: Asiacrypt 2000 [10] (2000). <http://eprint.iacr.org/2009/414> Citations in this document: §1, §1, §1, §1, §1, §2, §2, §2, §2, §2
- [29] Goldwasser, S. (ed.) Proceeding of Crypto '88. LNCS, vol. 403. Springer, Heidelberg (1990). See [51]
- [30] Günther, C.G. (ed.) Advances in Cryptology - EUROCRYPT '88. LNCS, vol. 330. Springer, Heidelberg (1988). See [35]
- [31] Honary, B.: Cryptography and coding: proceedings of the 8th IMA international conference held in Cirencester. LNCS, vol. 2260. Springer, Heidelberg (2001). See [3]
- [32] Kabatsianskii, G.A.: Fifth joint Soviet-Swedish international Workshop on Information Theory, Moscow 1991 (1991). See [27]
- [33] Kaliski Jr., B.S. (ed.): Advances in Cryptology - CRYPTO '97: 17th Annual International Cryptology Conference. LNCS, vol. 1294. Springer, Heidelberg (1997). See [11]
- [34] Kim, K.-C. (ed.): PKC 2001: Proceedings of the 4th International Workshop on Practice and Theory in Public Key Cryptosystems (PKC 2001). LNCS, vol. 1992. Springer, Heidelberg (2001). See [32]
- [35] Kleinjung, T., Aoki, K., Franke, J., Lenstra, A.K., Thomé, E., Bos, J.W., Gaudry, P., Kruppa, A., Montgomery, P.L., Osvik, D.A., to Riele, H., Timofeev, A., Zimmermann, P.: Factorization of a 768-bit RSA modulus. In: Crypto 2010 [35], pp. 333–350 (2010). <http://eprint.iacr.org/2010/006> Citations in this document: §5
- [36] Kobara, K., Imai, H.: Semantically secure McEliece public-key cryptosystems conversions for McEliece PKC. In: PKC 2001 [34], pp. 19–35 (2001). Citations in this document: §1
- [37] Krouk, E.A.: Decoding complexity bound for linear block codes. Problemy Peredachi Informatsii 25, 103–107 (1989). Citations in this document: §1, §1
- [38] Lee, P.J., Brickell, E.F.: An observation on the security of McEliece's public-key cryptosystem. In: Günther, C.G. (ed.) EUROCRYPT 1988 [30], LNCS, pp. 275–280. Springer, Heidelberg (1988). Citations in this document: §1



## Round 1:

- [39] Leon, J.S.: A probabilistic algorithm for computing minimum weights of large error-correcting codes. IEEE Transactions on Information Theory 34, 1354–1359 (1988); Citations in this document: §4
- [40] Matsui, M. (ed.): Proceedings of the Advances in cryptology/ASIACRYPT 2009, 15th international conference on the theory and application of cryptography and information security, Tokyo, Japan, December 6-10, vol. 5912. Springer, Heidelberg (2009). See [28] **LNCS volume disappeared!**
- [41] McEliece, R.J.: A public-key cryptosystem based on algebraic coding theory. JPL DSN Progress Report, 114–116 (1978)  
[http://ipnpr.jpl.nasa.gov/progress\\_report2/42-44/44R.PDF](http://ipnpr.jpl.nasa.gov/progress_report2/42-44/44R.PDF), **disappeared!**
- [42] Ohta, K., Pei, D.: Advances in cryptology/ASIACRYPT 1998, proceedings of the international conference on the theory and application of cryptography and information security held in Beijing, LNCS, vol. 1514. Springer, Heidelberg (1998)
- [43] Overbeck, R.: Statistical decoding revisited. In: ACISP 2006 [6], pp. 283–294 (2006); Citations in this document: §4
- [44] Overbeck, R., Sendrier, N.: Code-based cryptography. In: [7] vol. 4, pp. 95–145 (2009); Citations in this document: §2, §4
- [45] Peters, C.: Information-set decoding for linear codes over  $F_q$ . Post-Quantum Cryptography [39], 81–94 (2010); Citations in this document: §4, §2
- [46] Pomerance, C. (ed.): Advances in cryptology/CRYPTO 1987, proceedings of the conference on the theory and applications of cryptographic techniques held at the University of California, LNCS, Santa Barbara, California, vol. 293. Springer, Heidelberg (1987). **Cited, disappeared!**  
<http://dmsn.csie.ncu.edu.tw/research/crypto/HTML/PDF/C87/224.PDF>
- [47] Prange, E.: The use of information sets in decoding cyclic codes. IRE Transactions on Information Theory IT-8, 5–9 (1962); Citations in this document: §4
- [48] Rabin, T. (ed.): Advances in cryptology/CRYPTO 2010, 30th annual cryptography conference proceedings, LNCS, Santa Barbara, CA, USA, vol. 6223. Springer, Heidelberg (2010). See [35]
- [49] Sendrier, N. (ed.): Proceedings of the Post-quantum cryptography, third international workshop, PQCrypto, LNCS, Darmstadt, Germany, May 25–28, vol. 6061. Springer, Heidelberg (2010). See [45]
- [50] Stern, J.: A method for finding codewords of small weight. In: [25], pp. 106–113 (1989); Citations in this document: §1, §3, §3, §4, §4
- [51] van Tilburg, J.: On the McEliece public-key cryptosystem. In: Crypto '88, vol. 29, pp. 119–131 (1990); Citations in this document: §4
- [52] van Tilburg, J.: Security-analysis of a class of cryptosystems based on linear error-correcting codes, Ph.D. thesis, Technische Universiteit Eindhoven (1994); Citations in this document: §4
- [53] Verheul, E.R., Doumen, J.M., van Tilburg, H.C.A.: Sloppy Alice attacks! Adaptive chosen ciphertext attacks on the McEliece public-key cryptosystem. In: [12], pp. 99–119 (2002); Citations in this document: §1

## Round 2:

- [39] Leon, J.S.: A probabilistic algorithm for computing minimum weights of large error-correcting codes. IEEE Transactions on Information Theory 34, 1354–1359 (1988); Citations in this document: §4
- [40] Matsui, M. (ed.): Advances in Cryptology – ASIACRYPT '09. LNCS, vol. 5912. Springer, Heidelberg (2009); See [28]
- [41] McEliece, R.J.: A public-key cryptosystem based on algebraic coding theory. JPL DSN Progress Report, 114–116 (1978).  
[http://ipnpr.jpl.nasa.gov/progress\\_report2/42-44/44R.PDF](http://ipnpr.jpl.nasa.gov/progress_report2/42-44/44R.PDF) Citations in this document: §1, §1
- [42] Ohta, K., Pei, D. (eds.): Advances in Cryptology – ASIACRYPT '98. LNCS, vol. 1514. Springer, Heidelberg (1998); See [18]
- [43] Overbeck, R.: Statistical decoding revisited. In: ACISP 2006 [6], pp. 283–294 (2006); Citations in this document: §1
- [44] Overbeck, R., Sendrier, N.: Code-based cryptography. In: [7], pp. 95–145 (2009); Citations in this document: §2, §1
- [45] Peters, C.: Information-set decoding for linear codes over  $F_q$ . Post-Quantum Cryptography [39], 81–94 (2010); Citations in this document: §1, §1, §2
- [46] Pomerance, C. (ed.): cryptology – CRYPTO '87. LNCS, vol. 293. Springer, Heidelberg (1988).  
<http://dmsn.csie.ncu.edu.tw/research/crypto/HTML/PDF/C87/224.PDF>  
See [1]
- [47] Prange, E.: The use of information sets in decoding cyclic codes. IRE Transactions on Information Theory IT-8, 55–59 (1962); Citations in this document: §1
- [48] Rabin, T. (ed.): cryptology – CRYPTO LNCS, vol. 6223. Springer, Heidelberg (2010); See [35]
- [49] Sendrier, N. (ed.): Post-Quantum Cryptography. LNCS, vol. 6061. Springer, Heidelberg (2010); See [35]
- [50] Stern, J.: A method for finding codewords of small weight. In: [25], pp. 106–113 (1989); Citations in this document: §1, §3, §3, §1, §1
- [51] van Tilburg, J.: On the McEliece public-key cryptosystem. In: Crypto '88 [29], pp. 119–131 (1990); Citations in this document: §1
- [52] van Tilburg, J.: Security-analysis of a class of cryptosystems based on linear error-correcting codes, Ph.D. thesis, Technische Universiteit Eindhoven (1994); Citations in this document: §1
- [53] Verheul, E.R., Doumen, J.M., van Tilburg, H.C.A.: Sloppy Alice attacks! Adaptive chosen ciphertext attacks on the McEliece public-key cryptosystem. In: [12], pp. 99–119 (2002); Citations in this document: §1

My favorites (spoiler alert)

## Renaming conferences

- ASIACRYPT 2009 → ASIACRYPT '09.
- CRYPTO'87 → 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. →

[25] Wolfmann, J., Cohen, G. (eds.): Coding Theory 1988. LNCS, vol. 3

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 finding 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 finding minimum-weight words in
- codewords → code-words.

## All-time favorite

A bib entry which should look like:

Charpin, P. (ed.): EUROCODE '94 – Livre des résumé – EUROCODE '94, Abbaye de la Bussière sur Ouche, France, October 1994 (1994); See [16]

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Round 1:

[21] Charpin, P.: Livre des r\_esum\_e|EUROCODE 1994. Abbaye de la Bussi\_ere sur  
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Ouche, France (1994); See [16]

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.