

Schindler, Werner**Efficient online tests for true random number generators.** (English) [Zbl 1006.68704](#)

Koç, Çetin K. (ed.) et al., Cryptographic hardware and embedded systems - CHES 2001. 3rd international workshop, Paris, France, May 14-16, 2001. Proceedings. Berlin: Springer. Lect. Notes Comput. Sci. 2162, 103-117 (2001).

Summary: General problems and difficulties are discussed which have to be considered when testing true random numbers. Requirements are formulated which appropriate online tests should fulfill. Then we propose an online test procedure which meets these requirements.

For the entire collection see [\[Zbl 0971.00042\]](#).

MSC:

- [68U99](#) Computing methodologies and applications
- [94A60](#) Cryptography
- [68P25](#) Data encryption (aspects in computer science)
- [65C10](#) Random number generation in numerical analysis

[Cited in 3 Documents](#)**Keywords:**

[true random number generator](#); [statistical test](#); [online test](#)

Full Text: [Link](#)