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Blockchains for Safeguards: Technical, Legal and Political Considerations

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Blockchains constitute novel combinations of distributed databases, cryptography, and computer interaction protocols. The original Blockchain was developed to support the peer-to-peer digital currency Bitcoin, but the relevance of this technology is now being explored in a diverse range of information intensive industries and activities. This paper will consider how recent advances in blockchain technology might substantively contribute to effective safeguards. The paper will also consider some of the potential legal and political obstacles to the adoption of blockchain based safeguards systems.

Which "Key Question" does your Abstract address?

TEC4.1

Which alternative "Key Question" does your Abstract address? (if any)

TEC4.2

Topics

TEC4

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