

Formal Proofs for AIT

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Formal proofs will dominate mathematics in the near future [8, 4]. The first formal proofs in AIT have been obtained in [2, 9]; they include a sharper form of the Kraft-Chaitin Theorem. The project consists in using the proof-assistant Isabelle [10] to formally proving important theorem in AIT. References [1, 7, 5, 6, 3] contain many results which can be formalised and formally proved.

References

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