

CHURCH-TURING THESIS: THE TURING IMMORTALITY PROBLEM  
SOLVED WITH A DYNAMIC REGISTER MACHINE

References

- [ARNOLD] Arnol'd V.I.  
Mathematical Methods of Classical Mechanics.  
Springer-Verlag, New York, 1974.
- [BROUWER] Brouwer, L. E. J.  
"Über Abbildung von Mannigfaltigkeiten"  
Mathematische Annalen, volume 71, pp. 97-115, 1912.
- [BOWEN] Bowen, Rufus.  
Topological Entropy and Axiom A.  
Proceedings Symposium of Pure Mathematics. A.M.S.  
Providence, RI, 14, pp. 23-41, 1970.
- Periodic points and measures for Axiom A diffeomorphisms.  
Transactions for American Mathematical Society, volume 154, pp. 377-397, 1971.
- [CHURCH] Church, Alonzo.  
An Unsolvable Problem of Elementary Number Theory  
American Journal of Mathematics, volume 58, pp. 345-363, 1936.
- [CK] Church, Alonzo and Kleene, S.C.  
Formal Definitions in the Theory of Ordinal Numbers.  
Fundamenta Mathematicae, volume 28, pp. 11-21, 1936.
- [DAVIS] Davis, Martin.  
Computability and Unsolvability. Dover Publications, New York, 1982.
- [ENDERTON] Enderton, Herbert B.  
A Mathematical Introduction To Logic.  
Academic Press, London, 1972.
- [FISKE] Fiske, Michael  
Non-autonomous dynamical systems applied to neural computation.  
Northwestern University, IL, 1996.
- [GODEL] Gödel, Kurt.  
über formal unentscheidbare Sätze der Principia Mathematica und verwandter Systeme I  
Monatshefte für Mathematik und Physik, vol 38, pp. 173-198, 1931.
- [HILBERT] Hilbert, David.  
Mathematical Problems.  
Bulletin of the American Mathematical Society, Volume 8, pp. 437-479, 1901-1902.
- [HOOPER] Hooper, Philip K.  
The Undecidability of the Turing Machine Immortality Problem.  
Journal of Symbolic Logic, Vol. 31, Number 2, June 1966.

- [HOPF] Hopf, H.  
Abbildungsklassen n-dimensionaler Mannigfaltigkeiten  
Mathematische Annalen, volume 96, pp. 209-224, 1926.
- Vektorfelder in n-dimensionalen Mannigfaltigkeiten  
Mathematische Annalen, volume 96, pp. 225-250, 1926.
- [KLEENE] Kleene, Stephen C.  
General recursive functions of natural numbers.  
Mathematische Annalen, volume 112, pp. 727-742, 1936.
- [LEWIS] Lewis, Harry R. Papadimitriou, Christos H.  
Elements of the Theory of Computation.  
Prentice-Hall. Englewood Cliffs, New Jersey, 1981.
- [MUELLER] Mueller, Lutz.  
newLISP Language. [www.newlisp.org](http://www.newlisp.org), 1999 – 2009.
- [POINCARÉ] Poincaré, Henri  
Sur les courbes définies par une équation différentielle  
*Oeuvres*, 1, Paris, 1892.
- [POST] Post, Emil L.  
Recursively Enumerable Sets of Positive Integers and Their Decision Problems.  
American Journal of Mathematics, volume 65, pp. 197-215, 1944.
- [SMALE] Smale, Stephen.  
Differentiable Dynamical Systems.  
Bulletin of American Mathematical Society. 73:747-817, 1967.
- [STURGIS] Shepherdson, J. C. and Sturgis, H. E.  
Computability of Recursive Functions.  
Journal Assoc. Computing Machines, Volume 10, pp. 217-255, 1963.
- [TURING] Turing, Alan, M.  
On Computable Numbers, with an Application to the Entscheidungsproblem.  
Proceedings of the London Mathematical Society, ser. 2, vol. 42, pp. 230-265,  
1936-1937; Correction, *ibid.*, vol. 43, pp. 544-546, 1937.
- Systems of Logic Based on Ordinals.  
Proceedings of the London Mathematical Society, ser. 2, vol. 45, pp. 161-228, 1939.