More Powerful TM's?
Multiple Tapes? Interleave Symbols Larger Alphabet Multi-Head?
Multi-Head? Use Symbols for each Head Shuffle back/forth between 2D/3D tape?
2D/3D tape? The Higher dimension into 1D
Universal Turing Machine
Used it 4 Halting Problem
UTM Tape Code for TM Input output }
Trasistions/Description Code/Cipher
Operations System Simulator of TM's

Completeness) Universal Simulate Turing Systems Decidable = Solvable by Turing Complete ness Equivalent to: Goto: 1- 1- statements (conditional Branching) - infinite Loops 'a-Calculus (functional) Haskell Recursion

END TM'S

Can you have A17 Arfificeal Intelligence What can Turing Madrines

do?

Consciousness Transitions Rules What Humans (Algorithms) Turing Decidable No 1.77 Hyper Compotation Super Turing Machines Neural Computing ANALOGUE
Network
Recurrent
Evolving NN 2005/3
NN U Turing Undecidable &

Intuition Super Turing Infinite Tape Machine Solution to Learaning? Supter TM problem Priors.