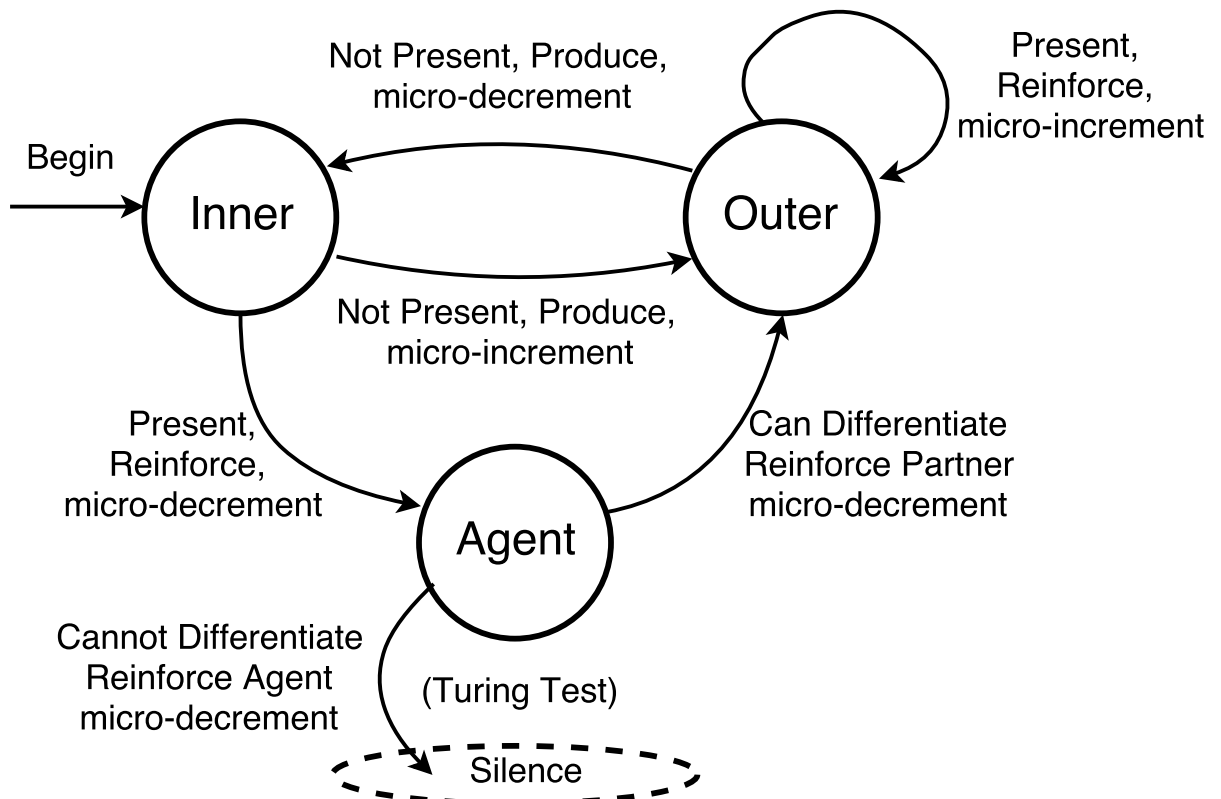
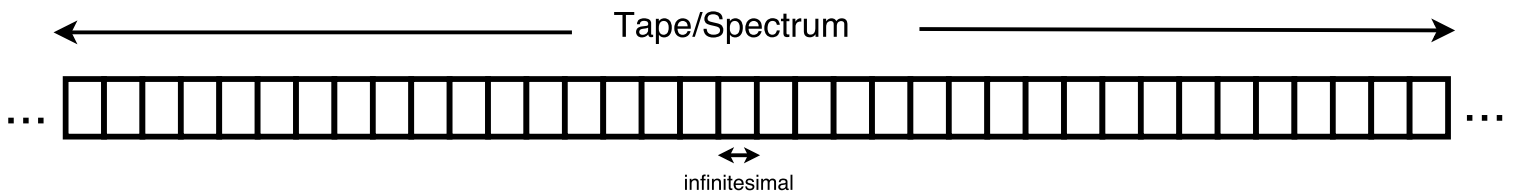


# The Turing Meditation

for Pauline Oliveros

This piece is for any number of voices or instruments, organized in a circle and facing inward. It's inspiration is fundamentally owing to Pauline and her sonic meditations. It's structure is taken from a Turing machine, called a three-state "busy beaver". The goal of that system is to write as many 1's as possible to an infinite tape, while eventually halting. The intention of this piece is to listen to, introduce and reinforce as many sounds as possible, with infinitesimal micro-deviations that dissolve the tape into a spectrum, and for inner sound, outer sound and the collective intelligence of group-sound ("agent") to be dissolved into 1.



All participants begin in the Inner state.

Participants potentially exist in multiple states, making this a quantum Turing machine.

Each participant chooses the nature of their tape/spectrum, and adheres to this for the entire piece.

This is any one sound quality that can be ordered along the spectrum. Suggestions: pitch, noise/tone, dynamic level, duration.

## Inner State

breathe deeply.

listen inwardly for a sound that compels you.

continue listening/observing your breath cycle until you find it.

### **If it is presently being produced within the group:**

breathe deeply, then reinforce the sound for as long as you can during one complete exhalation, with a micro-decrement along the tape/spectrum, and move to Agent state.

### **If it is not presently being produced within the group:**

breathe deeply, then produce the sound for as long as you can during one complete exhalation, with a micro-increment along the tape spectrum, and move to Outer state.

## Outer State

breathe deeply.

listen outside of the circle for a sound that compels you.

continue listening/observing your breath cycle until you find it.

### **If it is presently being produced within the group:**

breathe deeply, then reinforce the sound for as long as you can during one complete exhalation, with a micro-increment along the tape/spectrum, and remain in Outer state.

### **If it is not presently being produced within the group:**

breathe deeply, then produce the sound for as long as you can during one complete exhalation, with a micro-decrement along the tape spectrum, and move to Inner state.

## Agent State

breathe deeply.

listen for a sound from a person directly across from you in the circle.

### **If you can differentiate their sound from the group sound:**

breathe deeply, then reinforce their sound for as long as you can during one complete exhalation, with a micro-decrement along the tape/spectrum, and move to Outer state.

### **If you cannot differentiate their sound from the group sound:**

breathe deeply, then reinforce the group-sound for as long as you can during one complete exhalation, with a micro-increment along the tape spectrum, and move to a silent state for the remainder of the piece.

The piece has passed the Turing test.