Tangible User
Interfaces
Fall 2007
Ken-ichi Ueda
Jill Blue Lin

Engineering Magic

Finding Inspiration in Magic and Mysticism to Inspire Interactions with Technology

Wi-Fi Divining Rod

Traditional Magic:

A divining rod is a Y-shaped branch that points down when a dowser detects water or precious minerals underground.

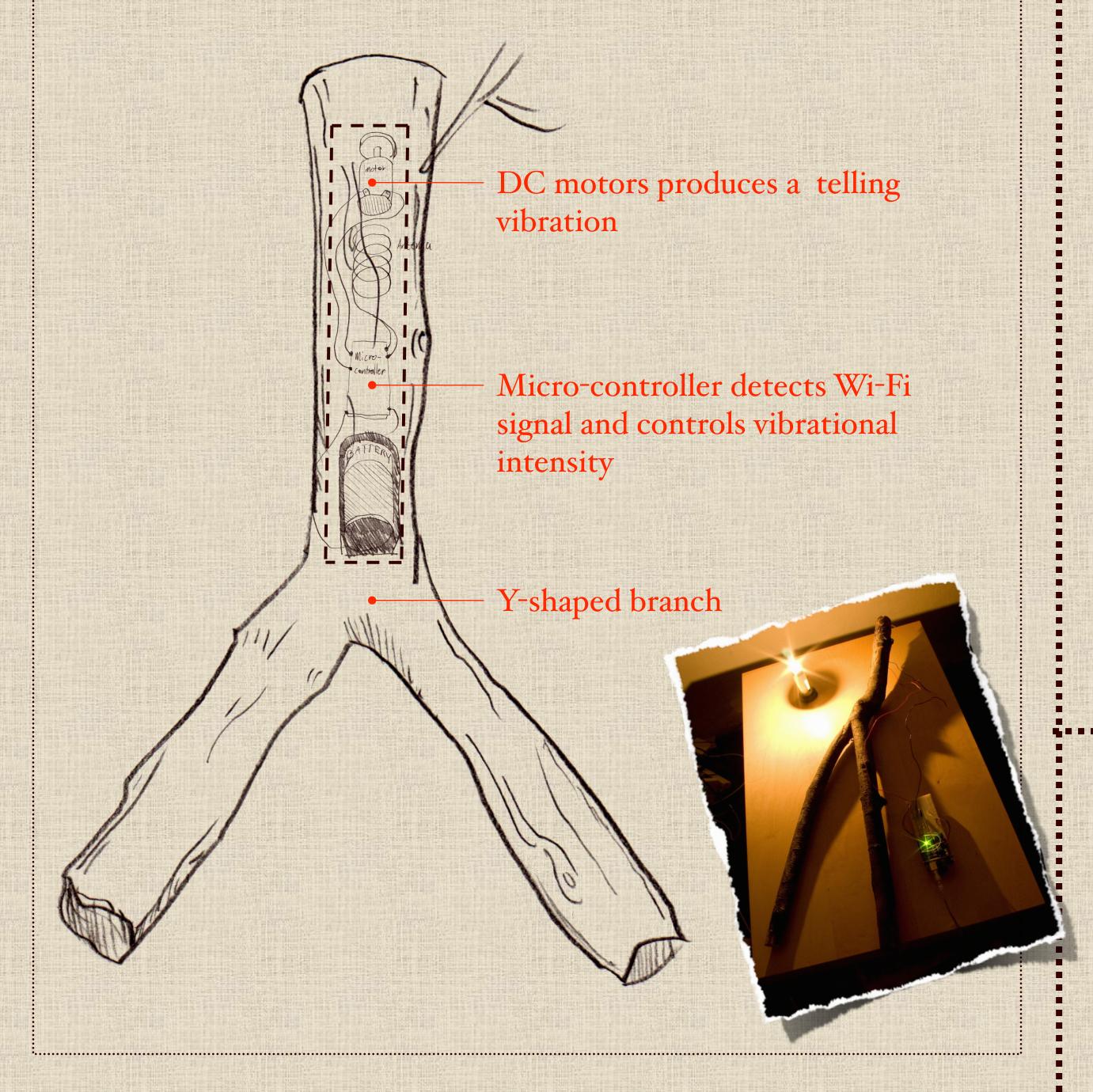


Engineered Magic:

The Wi-Fi divining rod vibrates when it detects a Wi-Fi signal. The vibrational intensity reflects the strength of the signal.

The idea of the Wi-Fi divining rod originally came from Eva Hornecker's

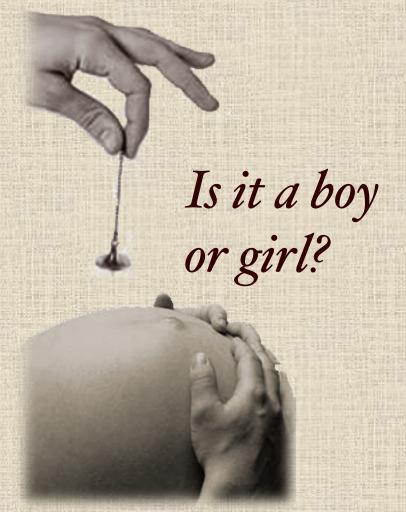
"Sketches, Drawings, Diagrams, Physical Models, Prototypes and Gesture as Representational Forms".



Book Review Pendulum Scry

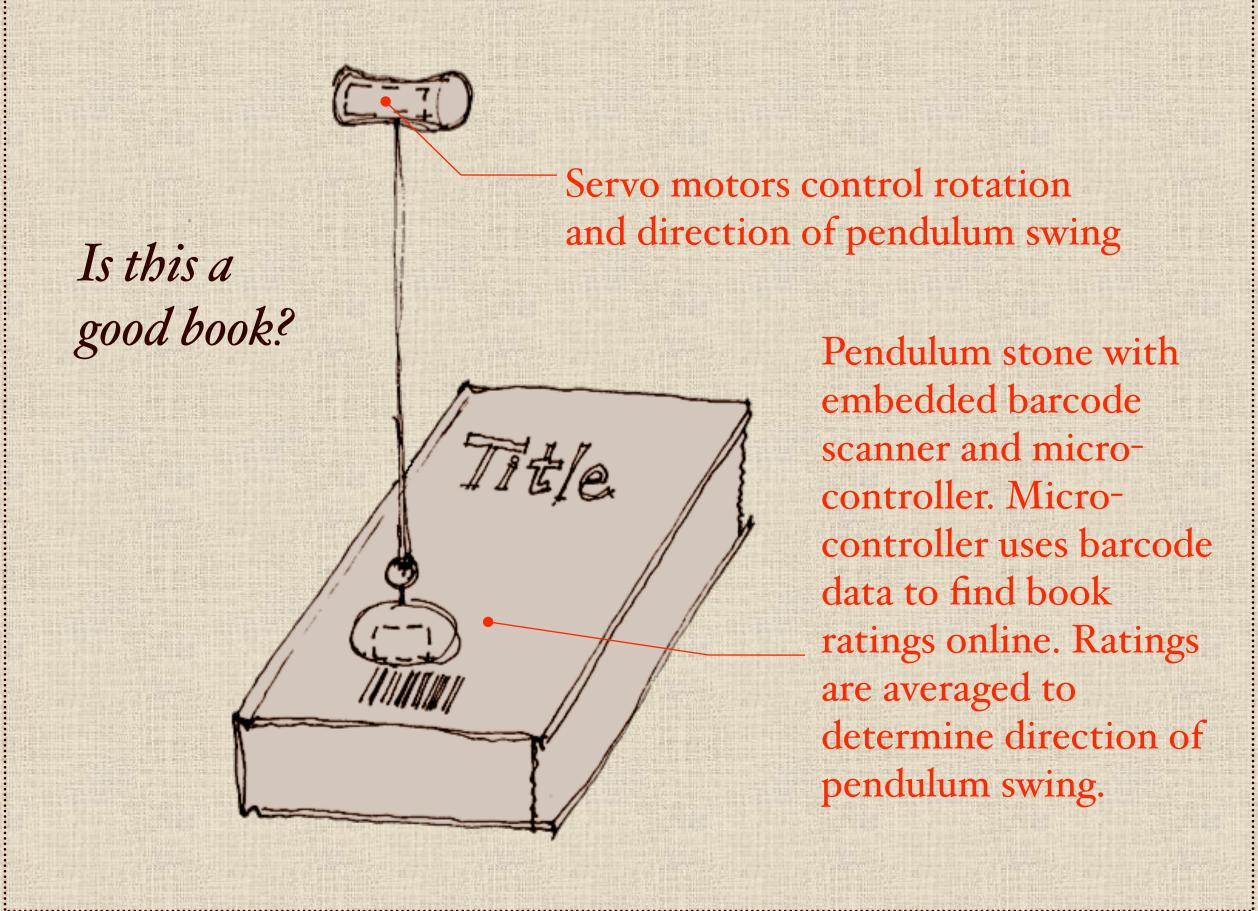
Traditional Magic:

A pendulum scry is a tool for divination, used to answer binary questions.



Engineered Magic:

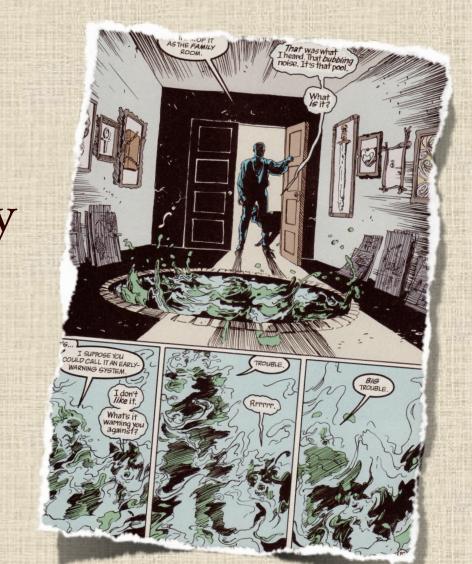
The book review pendulum scry swings in different directions depending on whether or not a particular book has received positive reviews.



Sea Conditions Scrying Pool

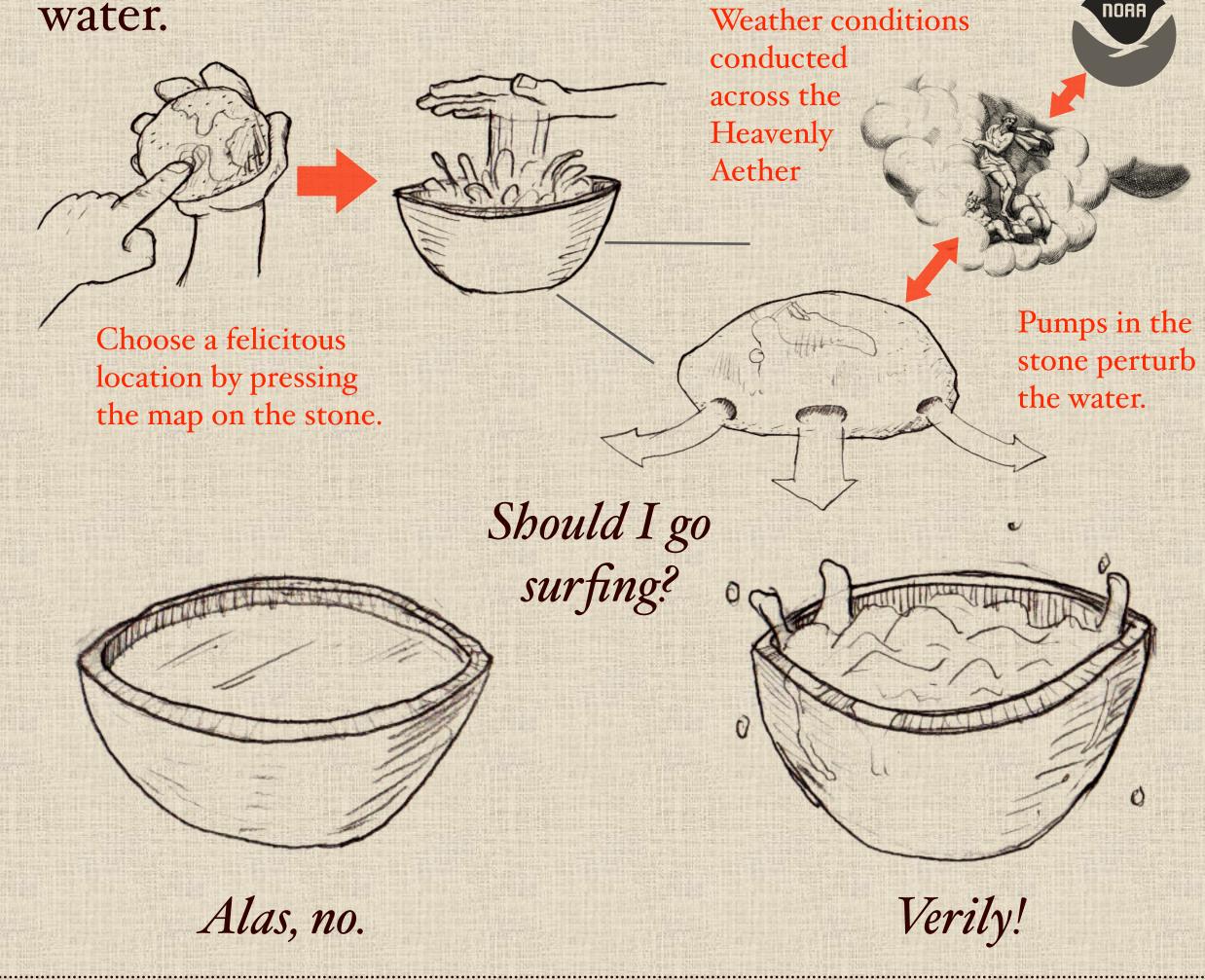
Traditional Magic:

Reflections in a pool of water reveal visions of events far away or in the future.



Engineered Magic:

The condition of the water in the scrying pool reflects the sea conditions in a particular body of



Justification

Mystical artifacts and superstitious objects may not work as claimed, but a part of us wishes they did.

"Any sufficiently advanced technology is indistinguishable from magic."

...Arthur C. Clarke

Our objects intentionally use current technology to evoke traditional magic.

Tangible User
Interfaces
Fall 2007
Ken-ichi Ueda
Jill Blue Lin

Engineering Magic

Finding Inspiration in Magic and Mysticism to Inspire Interactions with Technology

Wi-Fi Divining Rod

Traditional Magic:

A divining rod is a Y-shaped branch that points down when a dowser detects water or precious minerals underground.

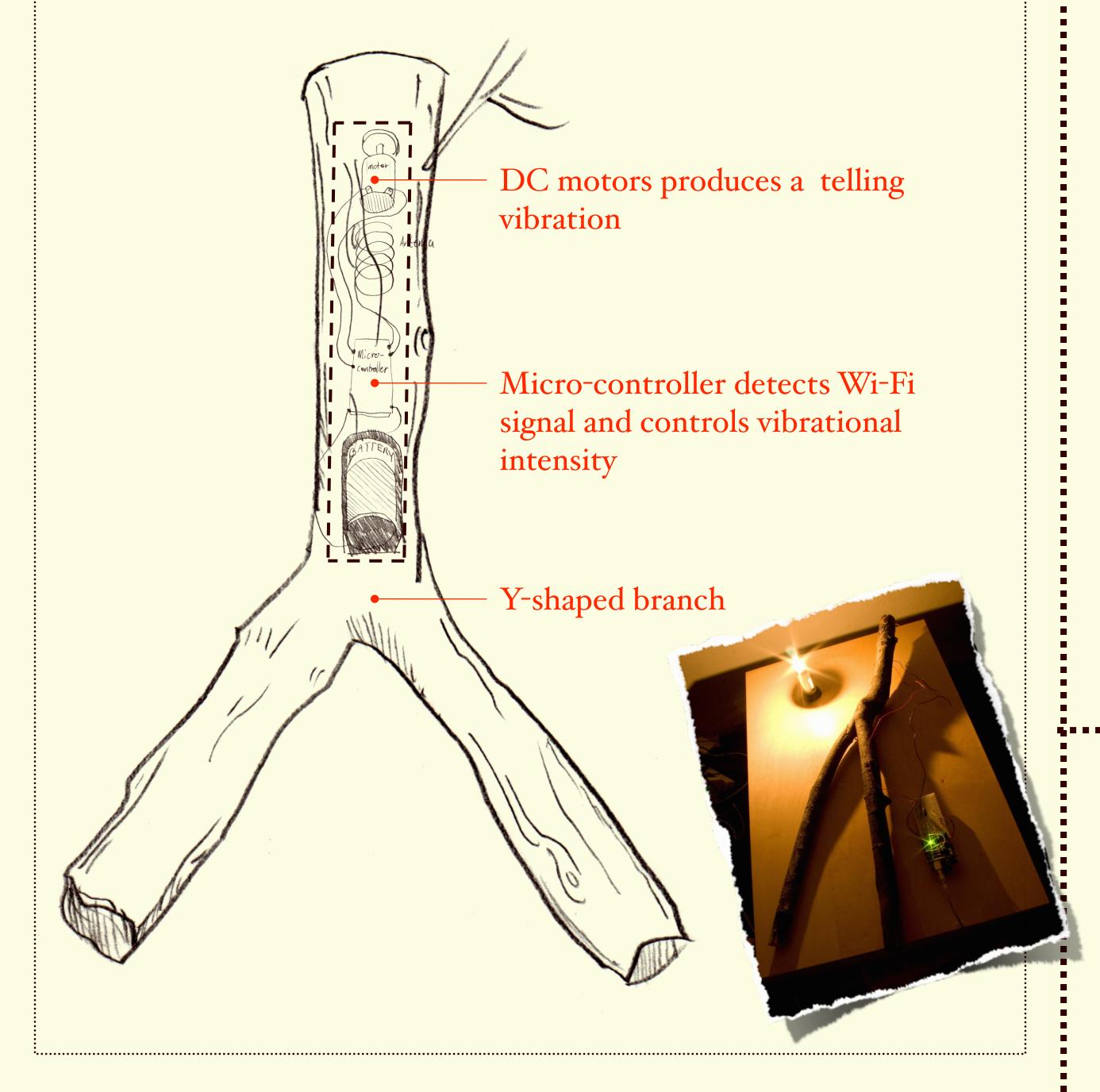


Engineered Magic:

The Wi-Fi divining rod vibrates when it detects a Wi-Fi signal. The vibrational intensity reflects the strength of the signal.

The idea of the Wi-Fi divining rod originally came from Eva Hornecker's

"Sketches, Drawings, Diagrams, Physical Models, Prototypes and Gesture as Representational Forms".



Book Review Pendulum Scry

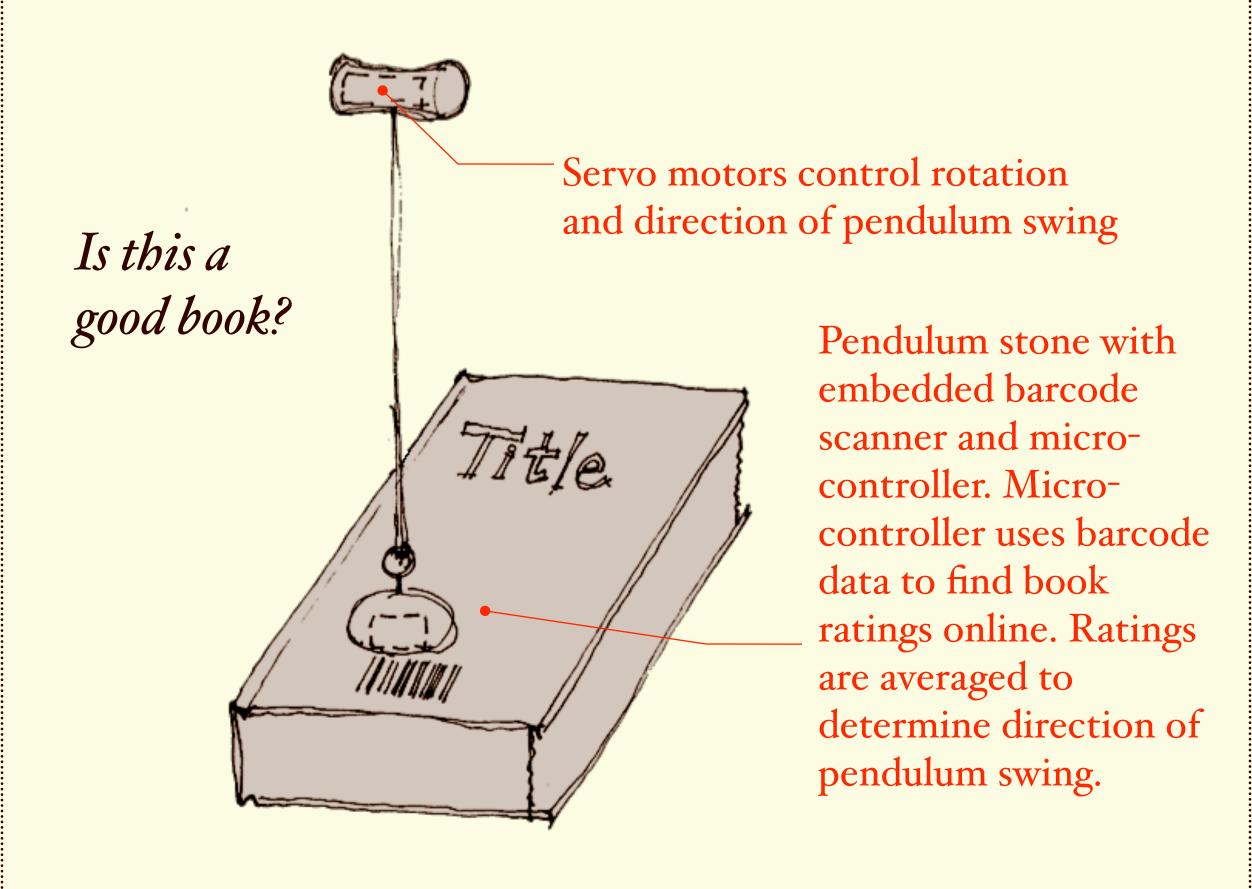
Traditional Magic:

A pendulum scry is a tool for divination, used to answer binary questions.



Engineered Magic:

The book review pendulum scry swings in different directions depending on whether or not a particular book has received positive reviews.



Sea Conditions Scrying Pool

Traditional Magic:

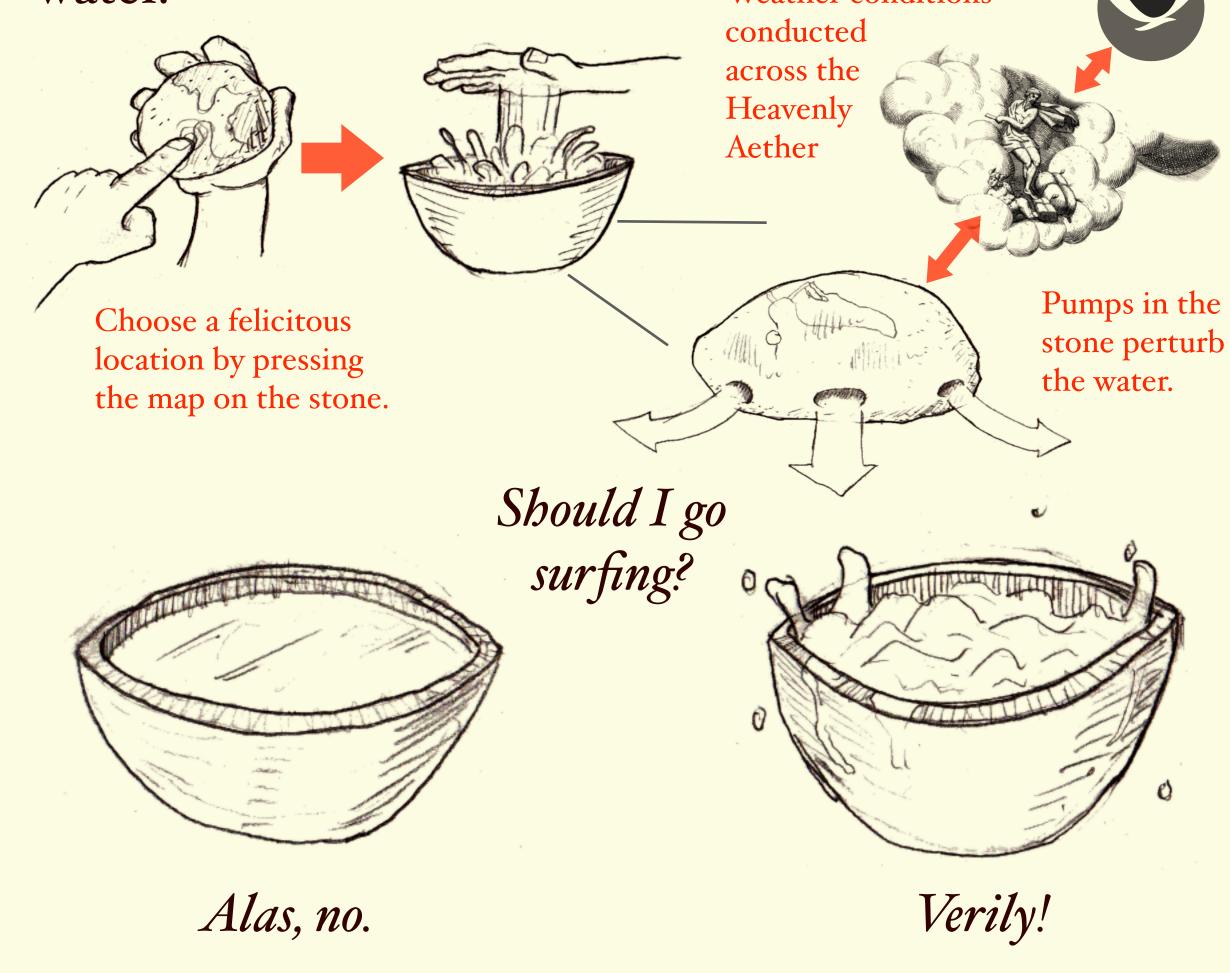
Reflections in a pool of water reveal visions of events far away or in the future.



Engineered Magic:

The condition of the water in the scrying pool reflects the sea conditions in a particular body of water.

Weather conditions



Justification

Mystical artifacts and superstitious objects may not work as claimed, but a part of us wishes they did.

"Any sufficiently advanced technology is indistinguishable from magic."

...Arthur C. Clarke

Our objects intentionally use current technology to evoke traditional magic.