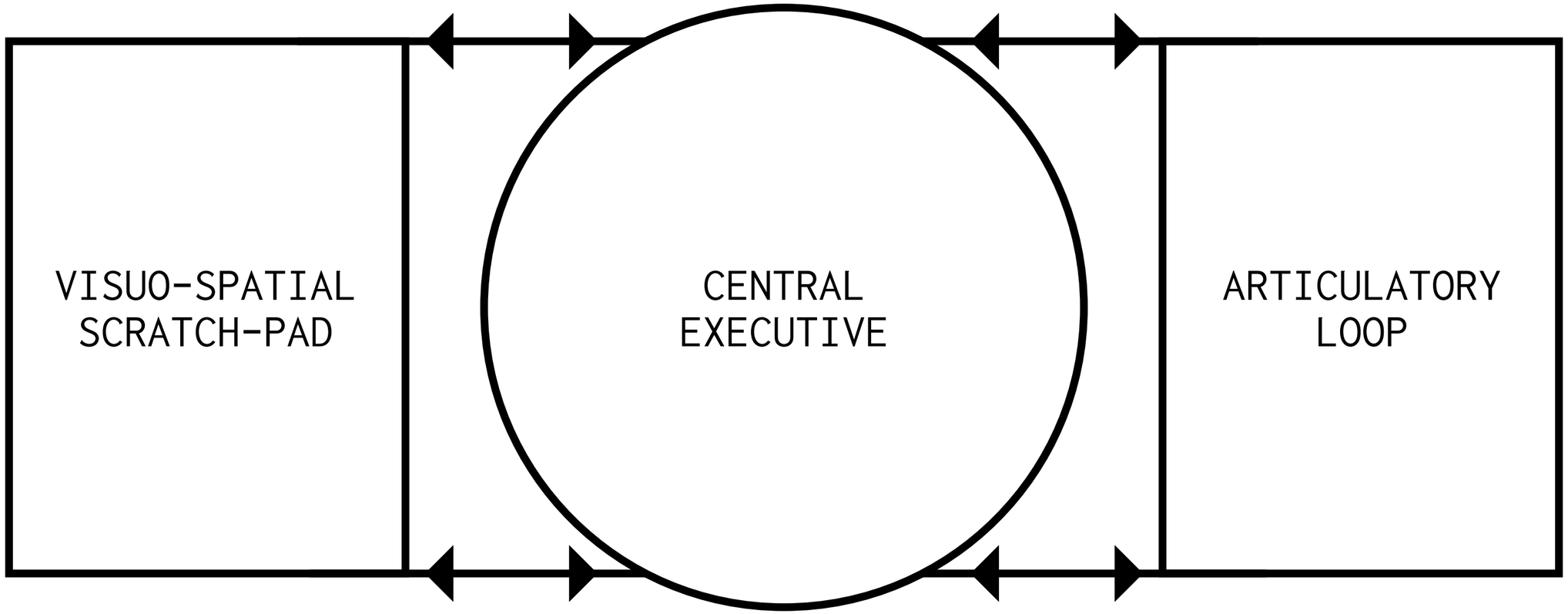
REHEARSAL

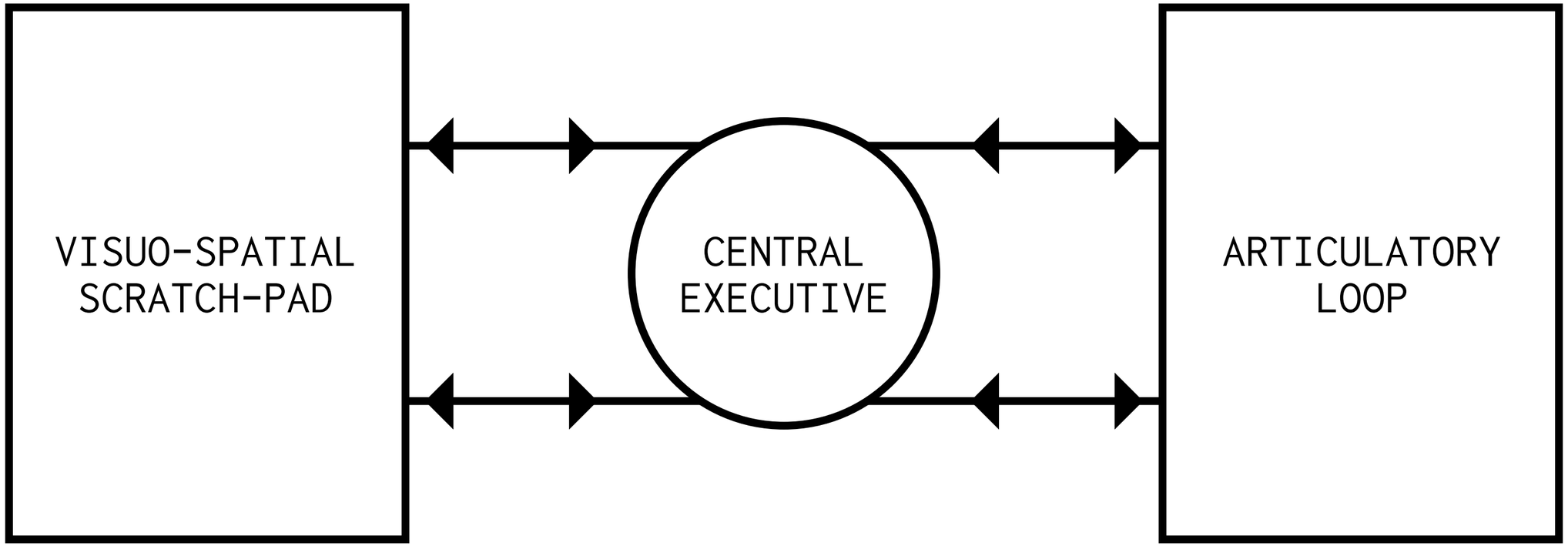
SENSORY -> SHORT TERM -> LONG TERM

(Memory Types)

A.D. BADDELEY

‘Working Memory’ (1983)


VISUO-SPATIAL
SCRATCH-PAD
CENTRAL
EXECUTIVE
ARTICULATORY
LOOP


VISUO-SPATIAL
SCRATCH-PAD
CENTRAL
EXECUTIVE
ARTICULATORY
LOOP

“It is suggested that active storage involves rehearsal, a process whereby the system reads out information from the storeand then feeds it back, thereby continually refreshing or updating the memory trace.”

BADDELEY - WORKING MEMORY

“Memory span is a function of both the durability of a trace within the phonological store and the rate at which rehearsal can refresh that trace ... if rehearsal can be repeated every 1-2s, forgetting will be prevented”.

BADDELEY - WORKING MEMORY

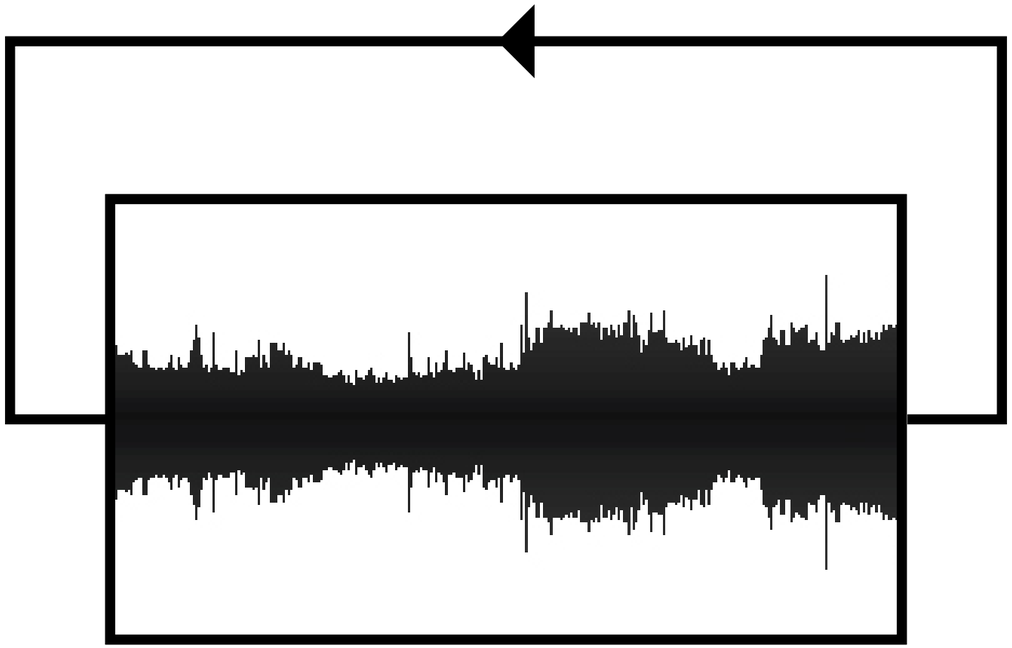
WHAT NEW SENSES CAN WE APPLY TO OLD MEMORIES?

INTERFERENCE
& FEEDBACK LOOPS

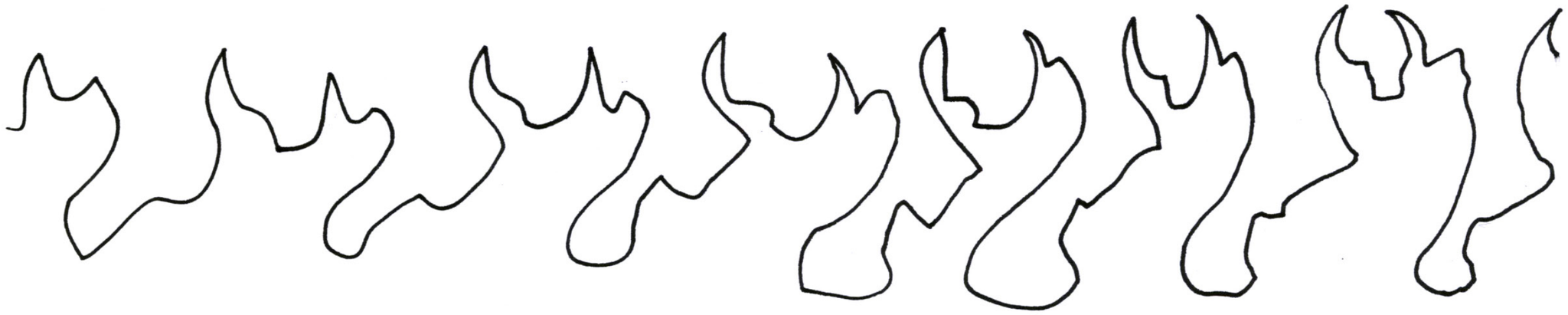
WHAT NEW SENSES CAN WE APPLY TO OLD MEMORIES?

SPATIAL/
SENSOR DATA

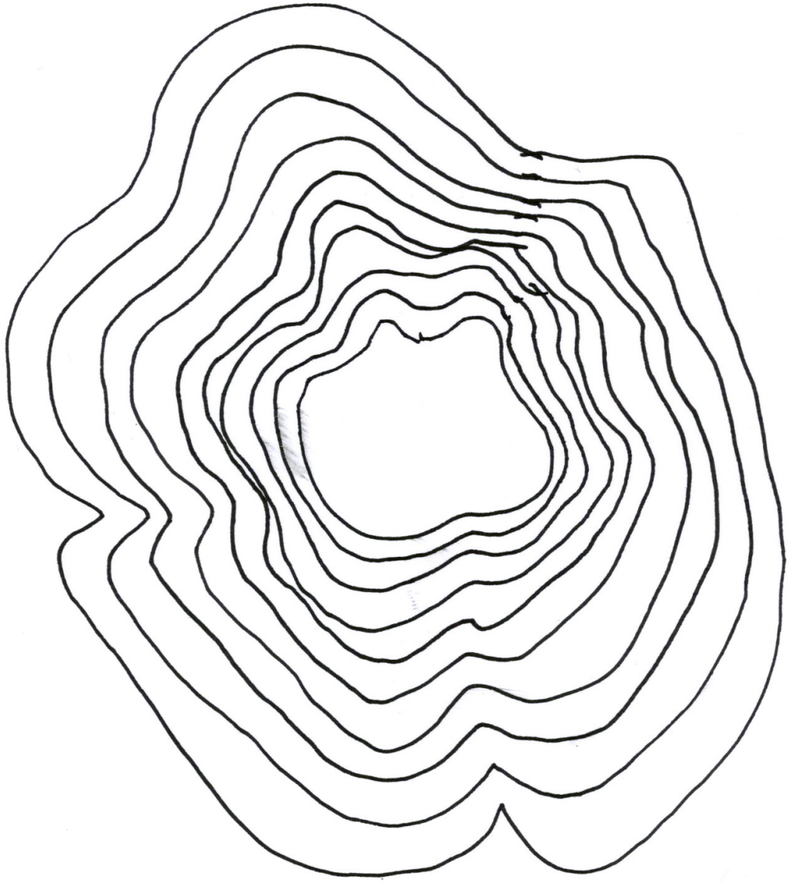
SENSORY
BUFFER
CONTENTS



ECHOIC MEMORY



REHEARSAL



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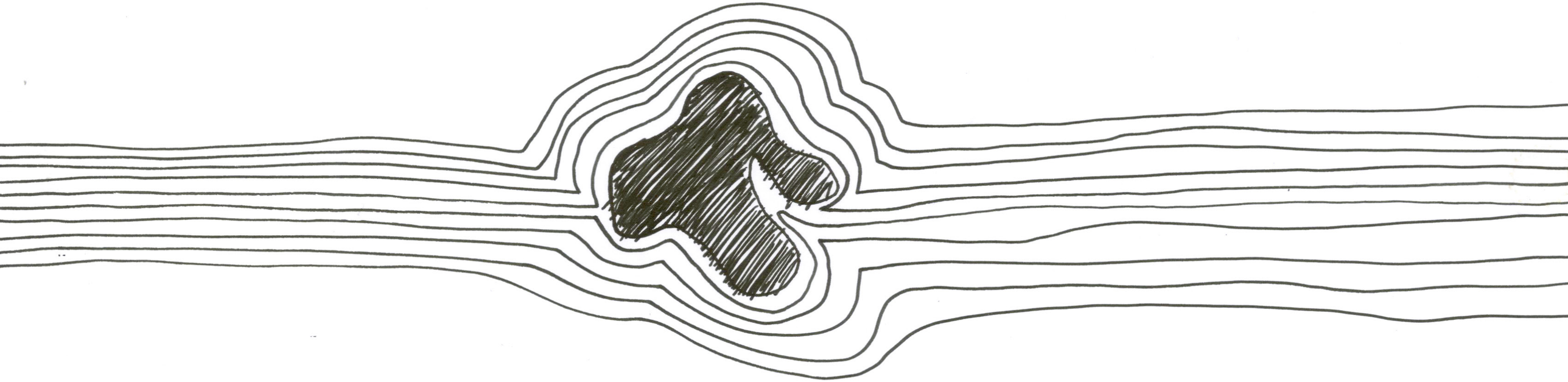

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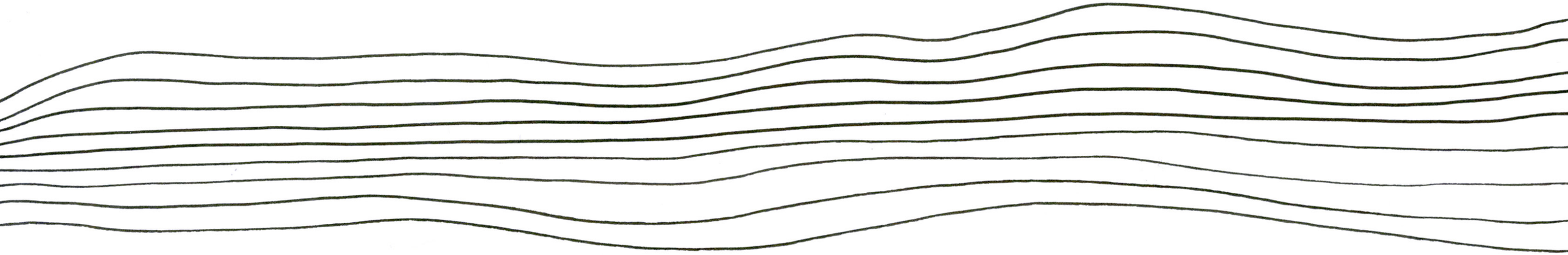
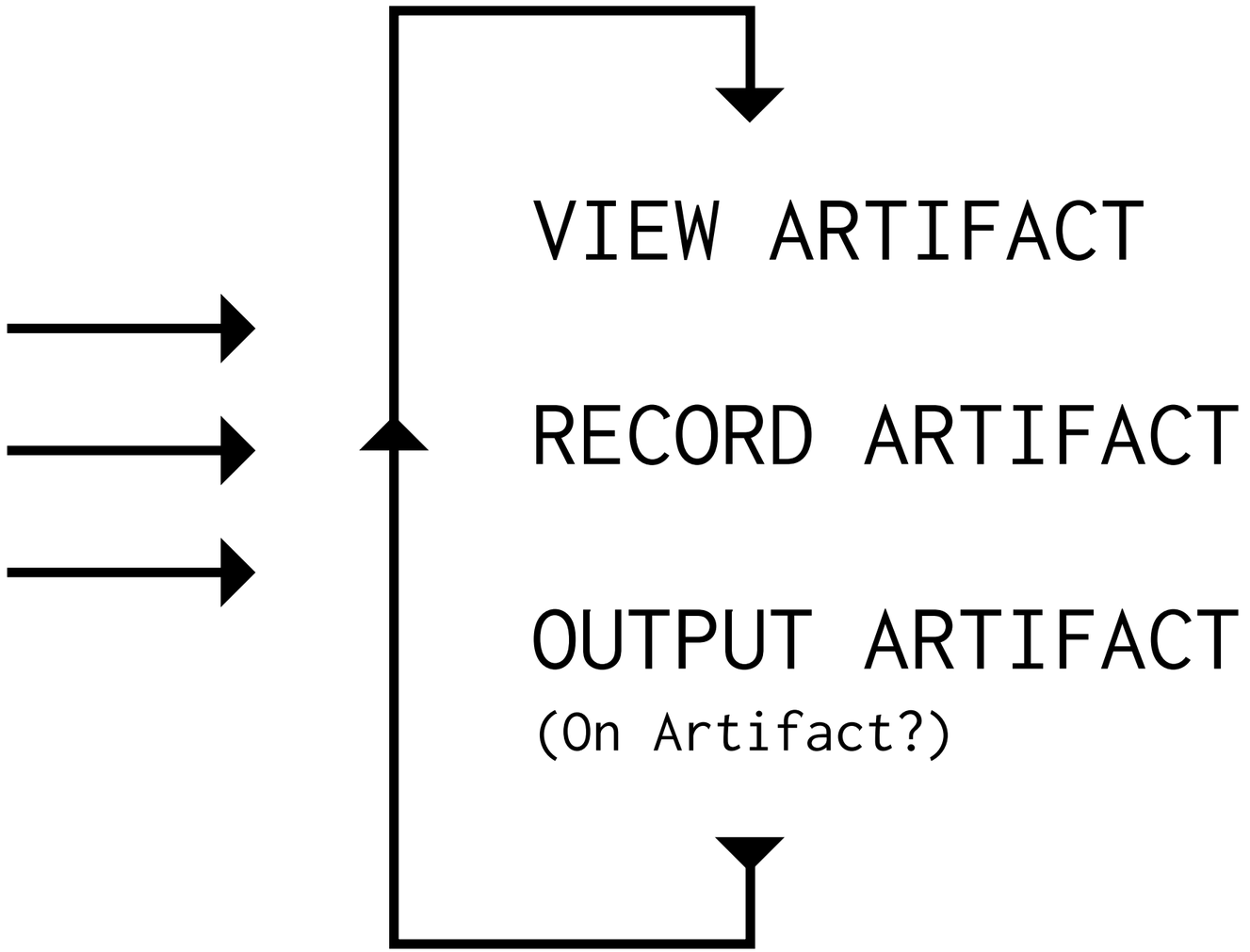


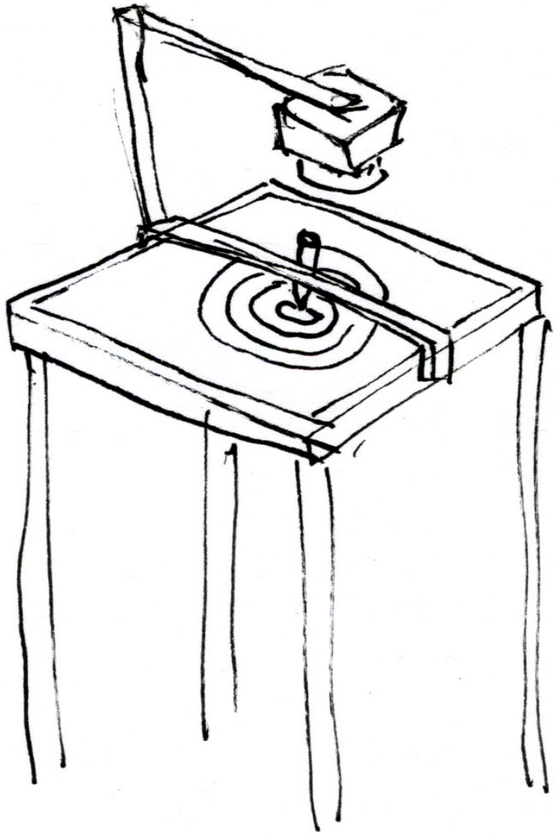
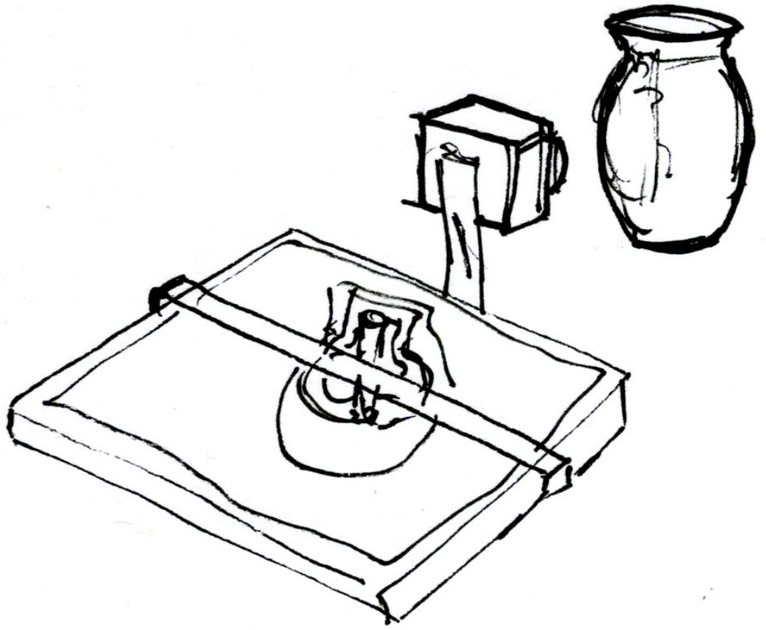
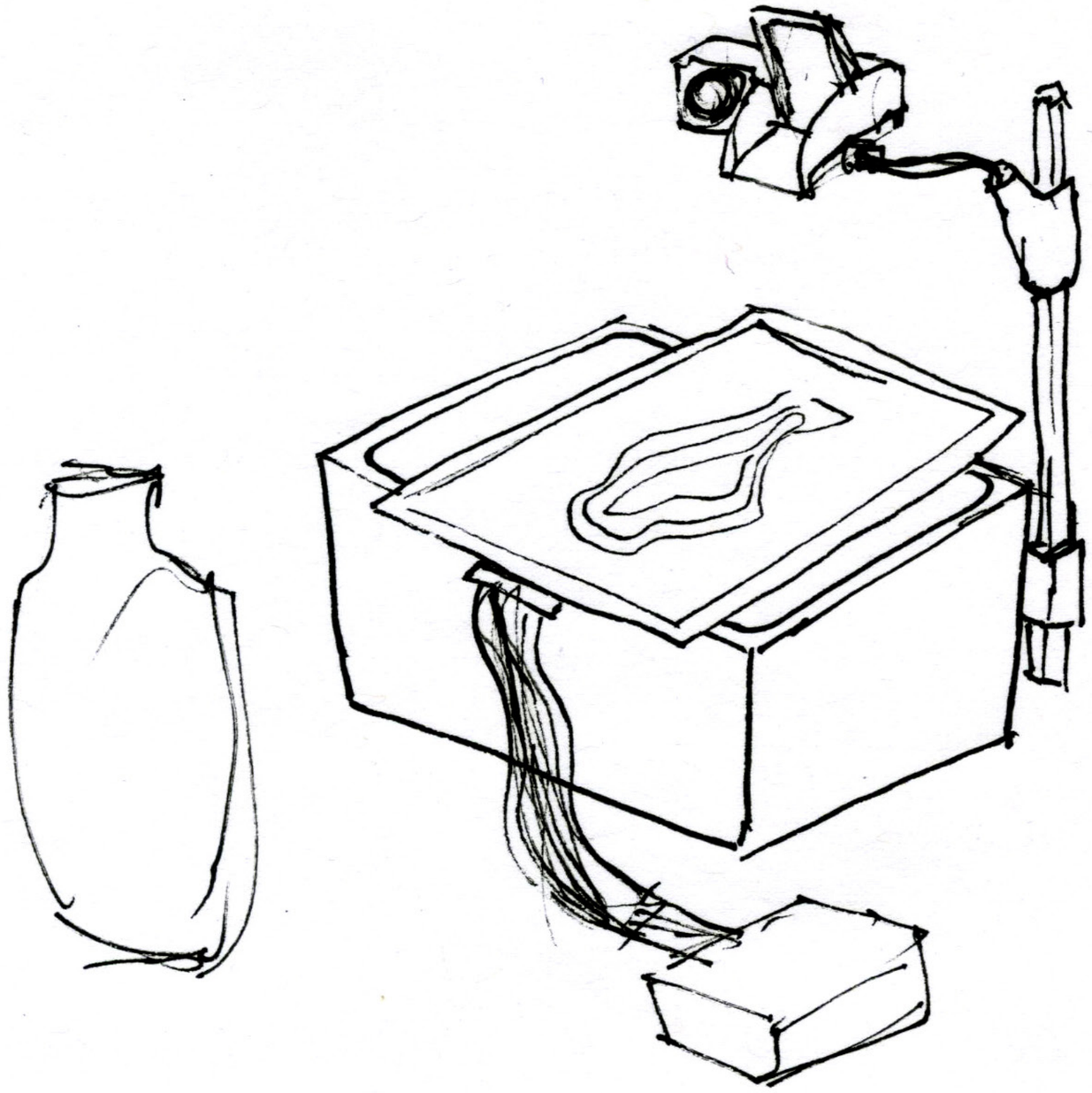
REHEARSAL

A PHYSICAL-VISUO-SPATIAL SCRATCH-PAD

HUMAN/SPATIAL
INTERFERENCE



VIEW ARTIFACT

RECORD ARTIFACT

OUTPUT ARTIFACT
(On Artifact?)