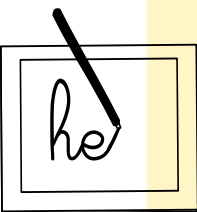


## Perception

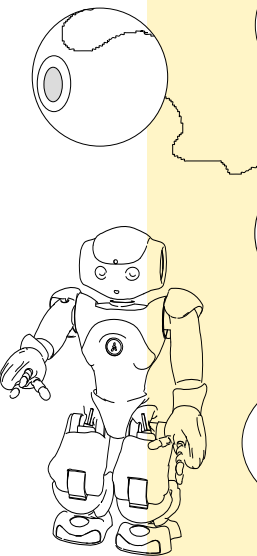


Tablet's  
inputs

Child's  
position

Child's  
expression

Gaze  
direction



## Mutual modelling

Copying difficulties

**Robot pretending:**

2. robot does not know  
how to write "yes"

$M_R[R]$

Child's perception error

Prediction error

**Child acting:**

1. child does not know  
how to write "yes"  
4. child learns/teaches  
how to write "yes"

$M_R[C]$

Helping/teaching

**Child understanding:**

3. robot does not know  
how to write "yes"

$M_R[CR]$

## Decision

Use a poor  
handwriting

Exaggerate the  
gesture

Capture  
attention

...