

Collective Awareness (CA)

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1 Semantic Collective awareness

1.1 Strategies to make alphabets

1.2 Strategies to make Words

2 Languages

2.1 Mutual activated area

Training phase

- **Semantic segmentation:** Self-organizing maps (SOM)
- **Alphabet level:** Zones/Prototypes where the motion remains constant
- **Word level:** Simultaneous alphabets
- **Sentence level:** The sequence of words from the beginning of an interaction to the end

2.2

3 Experimental setup

Internet of Things

Cyber physical systems

**A word =
Force field
activated zones
together form
A word**

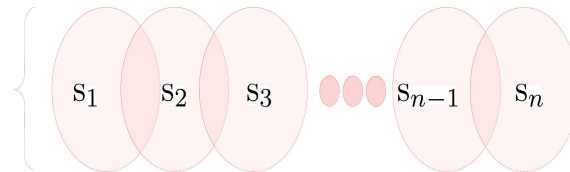


Figure 1: Model creation from anomaly

Swarms

Industry 4.0

References