

# Chapter 22

## Models of the mind – Human-Like Computing

# ARTIFICIAL INTELLIGENCE

Humans at the Heart of Algorithms

*Second Edition*



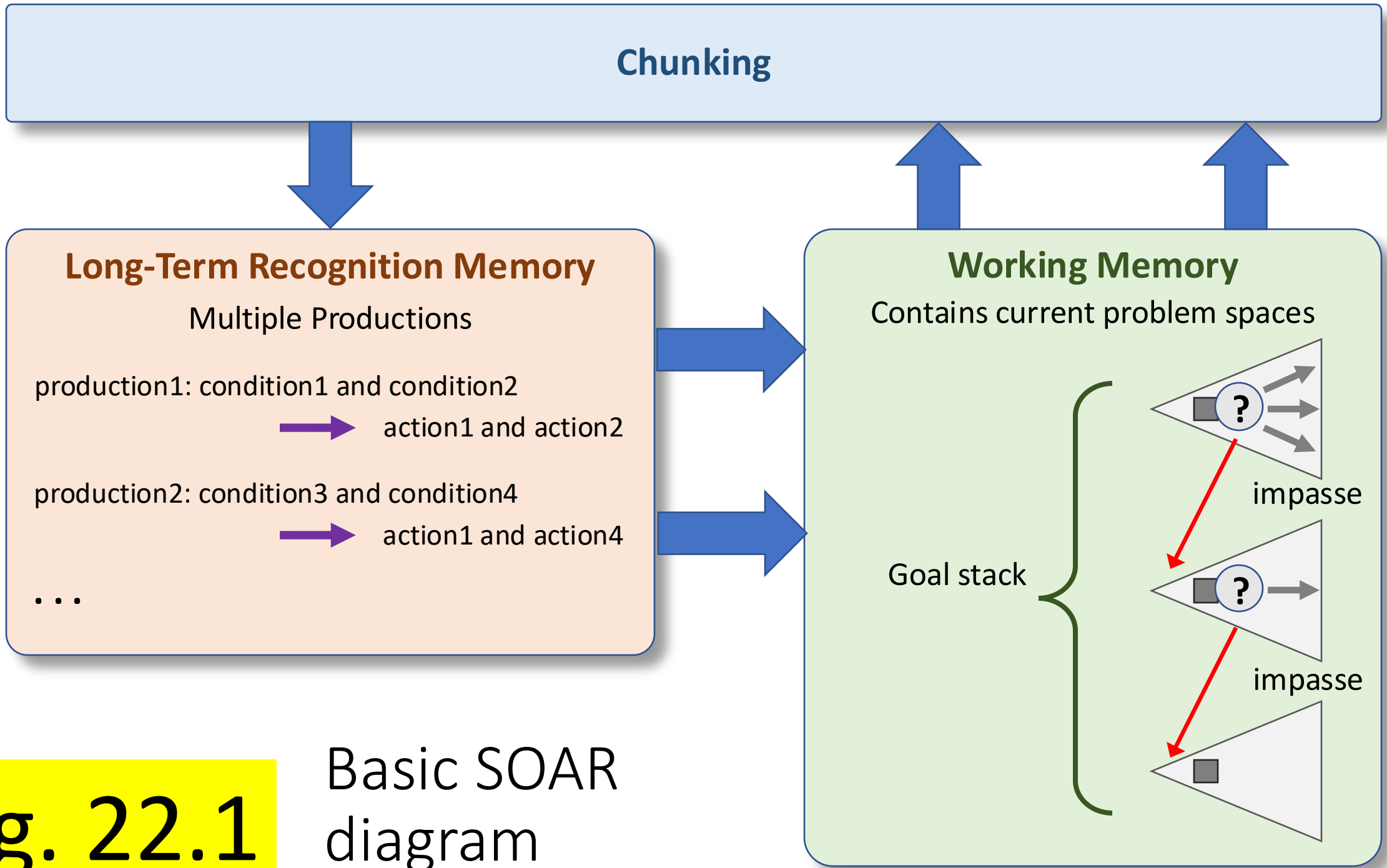
Alan Dix

A Chapman & Hall Book

 CRC Press  
Taylor & Francis Group

# Chapter 1

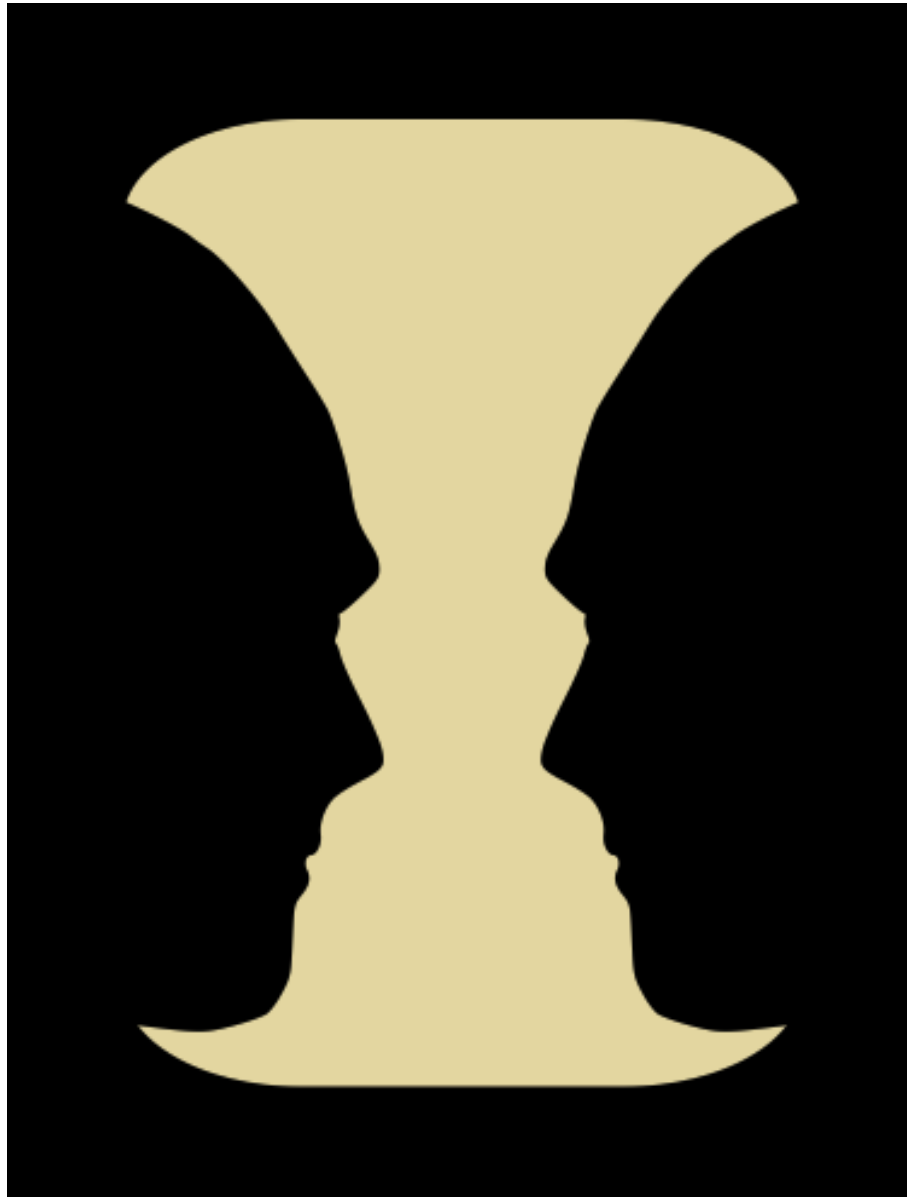
# Introduction



**Fig. 22.1**

Basic SOAR diagram

# Rubin's vase



**Fig. 22.2**

# Semantic network for disambiguation

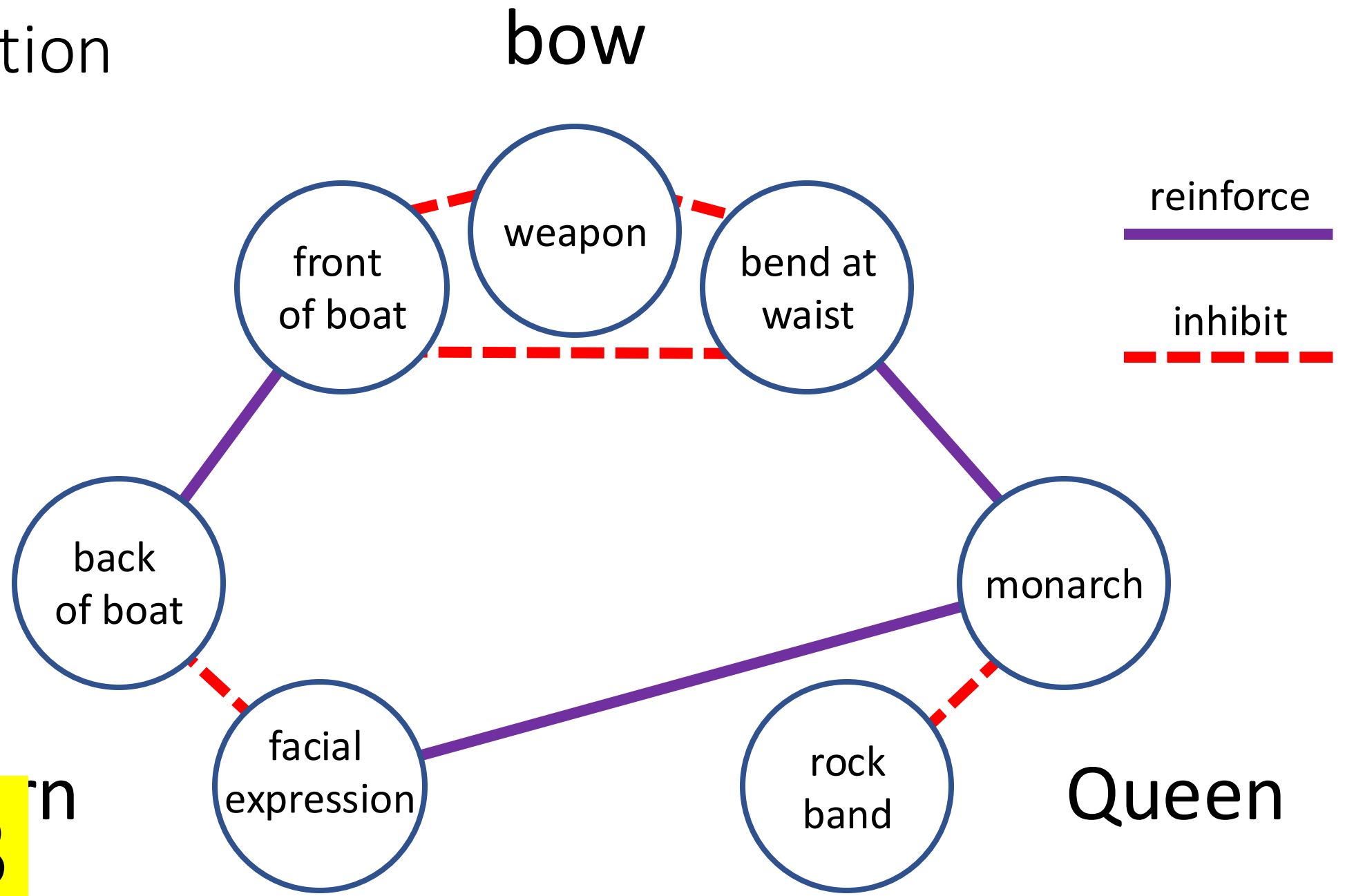


Fig. 22.3

# Regret in machine learning

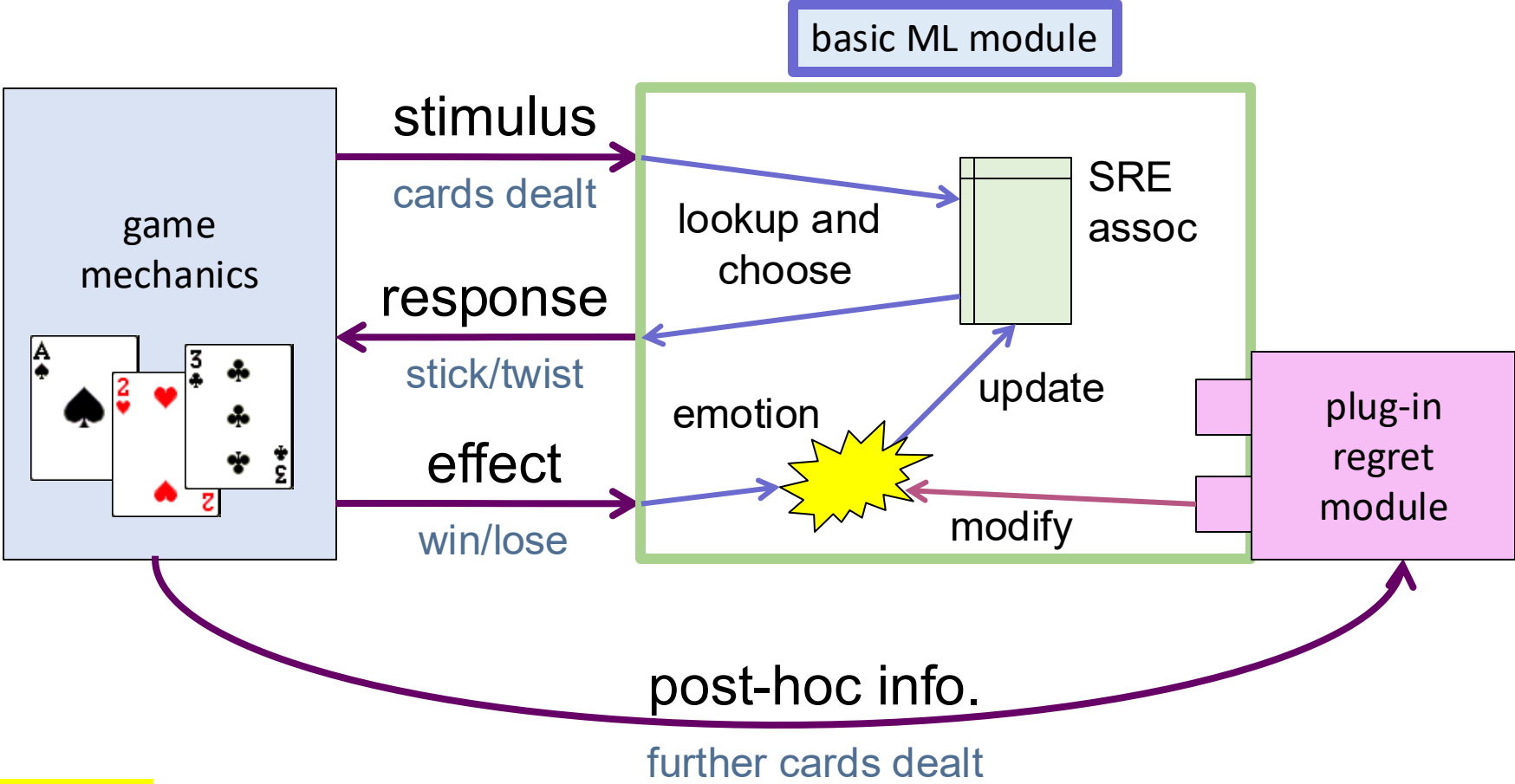


Fig. 22.4

# ChatGPT advice about an emotional situation



All Sally's friends are invited to a party, but Sally is not invited. How does she feel?



Sally may feel left out and hurt for not being invited to the party. It's important for her to remember her worth isn't defined by social invitations. She could reach out to her friends to understand or find other ways to enjoy her time.

Fig. 22.5

# ChatGPT advice ... ctd ... empathy?



I'd like to express empathy with Sally; what should I say?



You could say something like:

"I'm really sorry to hear that you weren't invited to the party. It must feel really disappointing. Remember that your worth is not defined by social events, and I'm here for you if you need to talk or do something fun together."