**Title**

# Embodied Emotion in Artificial Psychology

**Content**

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| **Chapters and sections** |
| **1. Introduction to Emotions: An ideological, historical, and transactional overview** |
| 1.1 Introduction |
| 1.2.Emotions: Notions that steered taxonomies |
| 1.3 Emotions: Brief overview of main contributions across time |
| 1.4 Emotions: Different Viewpoints |
| 1.5 Interfaces between Neuroscience and Emotions: What have we learned |
| 1.6 The Search for Biomarkers: Breakthroughs and Thresholds |
| **2 Analyzing Embodied Emotions through Artificial Psychology** |
| 2.1 Python Basics for Emotional Artificial Intelligence |
| 2.2 From Data to Embodied Emotion (this section should include: Data Acquisition Techniques for Modeling Embodied Emotion) |
| 2.3 Data Cleaning and Feature Extraction for Emotion Analysis |
| 2.4 Time Series Data Preprocessing |
| 2.5 Preprocessing Visual Data for Emotion Analysis |
| 2.6 Audio Signals for Embodied Emotion Analysis |
| 2.7 Preparing Text Data for Understanding Emotions in the Body |
| 2.8 Gaze Data Analysis in Embodied Emotion Recognition |
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| 3.3 Emotions and the role of symbolic mediation through language |
| 3.4 Language, cognition and subject: the seat of emotions is the brain |
| 3.5 Predictability and measurability of the subject through emotion |
| 3.6 Artificial Psychology in a constituent structure of real-valued functions: language, subject and body |
| 3.7 Linguistic cognitive process as a dynamical system |
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| 6.6 Computational Analysis of Affective Images and Emotional Elicitation |
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