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## **Emotional privacy: a philosophical investigation of emotion recognition technology**

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# Emotional Privacy

A Philosophical Investigation of Emotion Recognition Technology

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### **Emotional Privacy**

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Alexandra Prigent

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## Acknowledgements

For a long time, I treated the acknowledgement section as something to skip. Like many impatient readers, I wanted to go straight to the *vif du sujet*. This PhD changed that. Now, whenever I start a book, I find myself reading the acknowledgement section first. If nothing else, it gives a glimpse of the people, places, and moments that made the work possible. So here comes mine.

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## Table of Content

|                                                                                                   |    |
|---------------------------------------------------------------------------------------------------|----|
| <i>Emotional Privacy: A Philosophical Investigation of Emotion Recognition Technology</i> .....   | ii |
| Acknowledgements .....                                                                            | v  |
| List of Figures.....                                                                              | x  |
| List of Abbreviations .....                                                                       | x  |
| 1. General introduction .....                                                                     | 1  |
| 1.1. Preamble .....                                                                               | 1  |
| 1.2. Assumptions, approaches, and methodological choices .....                                    | 2  |
| 1.2.1. The reflexive process behind the dissertation's structure .....                            | 2  |
| 1.2.2. Methodological choices across the three general parts .....                                | 5  |
| 1.2.3. Transdisciplinary terminology and conceptual trade-offs .....                              | 9  |
| 1.3. Overview of the chapters .....                                                               | 9  |
| <i>Part One: The Technology</i> .....                                                             | 14 |
| 2. The prospect of 'fully functional' ERTs: A social, technological, and political overview ..... | 15 |
| 2.1. Introduction .....                                                                           | 15 |
| 2.2. ERTs' historical development.....                                                            | 18 |
| 2.2.1. Face-based ERTs .....                                                                      | 18 |
| 2.2.2. Technological progress: From unimodal to multimodal ERTs .....                             | 22 |
| 2.2.3. Technical challenges: Noise, indeterminacy, and the absence of ground truth .....          | 26 |
| 2.3. ERTs on the market: From technical artefacts to embodied emotional AI .....                  | 29 |
| 2.3.1. Standard ERTs.....                                                                         | 30 |
| 2.3.2. Self-tracking apps .....                                                                   | 31 |
| 2.3.3. Aggression detector.....                                                                   | 32 |
| 2.3.4. (Semi-)embodied affective AI: From chatbots to robot companions .....                      | 32 |
| 2.3.5. Border control & interest for lie detection .....                                          | 35 |
| 2.4. Biases, criticisms, and anti-sentiment towards ERTs on the market .....                      | 38 |
| 2.5. A look at the current international regulation of ERTs .....                                 | 42 |
| 2.5.1. ERTs in the EU AI Act.....                                                                 | 42 |
| 2.5.2. Forecasting problems in the EU AI Act for ERT regulation .....                             | 43 |
| 2.6. Conclusion .....                                                                             | 45 |
| <i>Part Two: The Emotional Life</i> .....                                                         | 47 |
| 3. Emotions: On their nature, role, functions, and relation to expressions .....                  | 48 |
| 3.1. Introduction .....                                                                           | 48 |
| 3.2. Emotions .....                                                                               | 49 |
| 3.3. Emotions and morality .....                                                                  | 50 |
| 3.3.1. Emotions as a threat to morality: Moral rationalism.....                                   | 51 |
| 3.3.2. Emotions as essential to morality: Virtue ethics and sentimentalism .....                  | 54 |
| 3.3.3. Contemporary accounts of emotions in moral reasoning.....                                  | 57 |
| 3.4. Integrative perspective on emotions .....                                                    | 59 |
| 3.4.1. The biological/evolutionary perspective .....                                              | 59 |
| 3.4.2. The cognitivist perspective .....                                                          | 62 |

|                                                                                                       |            |
|-------------------------------------------------------------------------------------------------------|------------|
| 3.4.3. The social constructionist perspective .....                                                   | 65         |
| 3.5. Adoption of a function-first integrative perspective on emotions.....                            | <b>66</b>  |
| 3.5.1. Transdisciplinary agreements on their nature, role, and functions .....                        | 67         |
| 3.5.2. Emotions' action tendencies .....                                                              | 70         |
| 3.5.3. Emotions and physiological changes.....                                                        | 72         |
| 3.5.4. Emotions as performative acts .....                                                            | 75         |
| 3.6. Conclusion .....                                                                                 | <b>76</b>  |
| 4. Emotional expressions in technosocial contexts: Rethinking functions and modes of recognition..... | <b>79</b>  |
| 4.1. Introduction .....                                                                               | <b>79</b>  |
| 4.2. Theoretical grounding of emotional expressions .....                                             | <b>80</b>  |
| 4.2.1. Core properties of emotional expressions .....                                                 | 80         |
| 4.2.2. Causes of emotional expressions .....                                                          | 83         |
| 4.2.3. Spectrum of emotional expressions .....                                                        | 85         |
| 4.2.4. Debates and ontological commitments.....                                                       | 86         |
| 4.3. Affective communication channels .....                                                           | <b>91</b>  |
| 4.3.1. Emotional expressions' functions in affective communication channels.....                      | 91         |
| 4.3.2. Meaningfulness and reliability of emotional expressions.....                                   | 96         |
| 4.4. A revised design-based account of emotional expressions.....                                     | <b>99</b>  |
| 4.4.1. Emotional expressions' epistemic functions for humans and technology .....                     | 100        |
| 4.4.2. Potential challenges for the proposed view.....                                                | 105        |
| 4.5. Conclusion .....                                                                                 | <b>106</b> |
| <i>Part Three: The (Ethical) Analysis</i> .....                                                       | <b>109</b> |
| 5. Privacy and emotional life: Re-engineering the concept of emotional privacy .....                  | <b>110</b> |
| 5.1. Introduction .....                                                                               | <b>110</b> |
| 5.2. Privacy.....                                                                                     | <b>111</b> |
| 5.2.1. Privacy and emotional life .....                                                               | 111        |
| 5.2.2. Privacy and technology.....                                                                    | 113        |
| 5.2.3. (Informational) privacy scholarship.....                                                       | 114        |
| 5.3. Emotional privacy .....                                                                          | <b>121</b> |
| 5.3.1. The case of mental privacy as a precedent to emotional privacy.....                            | 123        |
| 5.3.2. Anchoring emotional privacy in the social perspective .....                                    | 126        |
| 5.3.3. Defining emotional privacy.....                                                                | 130        |
| 5.4. Emotional privacy in affective communication channels .....                                      | <b>133</b> |
| 5.4.1. Expressive conventions and affective leakages .....                                            | 134        |
| 5.4.2. Privacy mechanisms.....                                                                        | 135        |
| 5.4.3. Disclosure privacy mechanisms .....                                                            | 137        |
| 5.4.4. Concealment privacy mechanisms.....                                                            | 137        |
| 5.5. The functional value of emotional privacy .....                                                  | <b>140</b> |
| 5.5.1. Preserving self-presentation .....                                                             | 140        |
| 5.5.2. Managing social role plurality and ensuring conformity.....                                    | 142        |
| 5.5.3. Enabling social regulation and social cohesion .....                                           | 144        |
| 5.6. Conclusion .....                                                                                 | <b>145</b> |
| 6. Emotional privacy as a moral right? Normative foundations and technological implications .....     | <b>147</b> |
| 6.1. Introduction .....                                                                               | <b>147</b> |

|                                                                                          |            |
|------------------------------------------------------------------------------------------|------------|
| 6.2. Formulating a normative account of emotional privacy .....                          | <b>148</b> |
| 6.2.1. Human vs technology-based emotion recognition .....                               | 150        |
| 6.3. Illustrating emotional privacy losses through technomoral scenarios .....           | <b>156</b> |
| 6.3.1. Scenario I: Alfred's self-monitoring.....                                         | 158        |
| 6.3.2. Scenario II: Marie's hospital policy.....                                         | 159        |
| 6.3.3. Scenario III: The minister's public apology .....                                 | 160        |
| 6.4. Moral right to emotional privacy protects a distinct kind of interests.....         | <b>161</b> |
| 6.4.1. Variants of Control-based accounts .....                                          | 162        |
| 6.4.2. Variants of Access-based accounts .....                                           | 166        |
| 6.4.3. Contextual Integrity .....                                                        | 171        |
| 6.5. Assessing emotional privacy's moral weight in future societal trade-offs.....       | <b>174</b> |
| 6.5.1. Substantiating the CI moral part of the heuristic.....                            | 176        |
| 6.5.2. Evaluating the moral weight of emotional privacy on the HLEG ALTAI framework..... | 178        |
| 6.5.3. Emotional privacy and the question of consent .....                               | 182        |
| 6.6. Conclusion .....                                                                    | <b>185</b> |
| 7. General conclusion .....                                                              | <b>188</b> |
| Bibliography .....                                                                       | <b>193</b> |
| English Summary .....                                                                    | <b>215</b> |
| Curriculum Vitae .....                                                                   | <b>219</b> |

## List of Figures

|                                                                 |           |
|-----------------------------------------------------------------|-----------|
| <b>Figure 1. Simplified Face-Based ERT Process .....</b>        | <b>21</b> |
| <b>Figure 2. Spectrum of Nonverbal EEs .....</b>                | <b>86</b> |
| <b>Figure 3. Standard Affective Communication Channel .....</b> | <b>92</b> |

## List of Abbreviations

|           |                                                                               |
|-----------|-------------------------------------------------------------------------------|
| AI        | Artificial Intelligence                                                       |
| ALTAI     | Assessment List for Trustworthy Artificial Intelligence                       |
| CI        | Contextual Integrity                                                          |
| CMU-MOSEI | Carnegie Mellon University Multimodal Opinion Sentiment and Emotion Intensity |
| DL        | Deep Learning                                                                 |
| DSS       | Decision Support System                                                       |
| DSV       | Deep Self View                                                                |
| EASI      | Emotion as Social Information                                                 |
| ECG       | Electrocardiogram                                                             |
| EE        | Emotional Expression                                                          |
| EEG       | Electroencephalogram                                                          |
| ERT       | Emotion Recognition Technology                                                |
| FACS      | Facial Action Coding System                                                   |
| GDPR      | General Data Protection Regulation                                            |
| HLEG      | High-Level Expert Group                                                       |
| HR        | Human Resources                                                               |
| IEMOCAP   | Interactive Emotional Dyadic Motion Capture                                   |

|        |                                                                                    |
|--------|------------------------------------------------------------------------------------|
| LGPD   | Brazilian General Data Protection Law (Lei Geral de Proteção de Dados<br>Pessoais) |
| ML     | Machine Learning                                                                   |
| MRI    | Magnetic Resonance Imaging                                                         |
| PIPEDA | Personal Information Protection and Electronic Documents Act                       |
| RBS    | Rule-Based Expert System                                                           |
| TAP    | Theory of Affective Pragmatics                                                     |
| VR     | Virtual Reality                                                                    |