















- tion. Lawrence Erlbaum Associates, Incorporated, Hillsdale, USA, 1988.
- [14] J.A. Russell and A. Mehrabian. Evidence for a three-factor theory of emotions. *Journal of Research in Personality*, 11:273–294, 1977.
- [15] A. Mehrabian. Analysis of the big-five personality factors in terms of the pad temperament model. *Australian Journal of Psychology*, 48(2):86–92, 1996.
- [16] K.R. Scherer. Unconscious processes in emotion: The bulk of the iceberg. In P. Niedenthal, L.F. Barrett, and P. Winkielman, editors, *The unconscious in emotion*. Guilford Press, New York, USA, 2005.
- [17] A. Ortony, D. Norman, and W. Revelle. Affect and Proto-Affect in Effective Functioning. In J. Fellous and M. Arbib, editors, *Who needs emotions: The brain meets the machine*. Oxford University Press, New York, USA, 2005.
- [18] L.F. Barrett. Feeling Is Perceiving: Core Affect and Conceptualization in the Experience of Emotion. In L.F. Barrett, P.M. Niedenthal, and P. Winkielman, editors, *Emotions: Conscious and Unconscious*, pages 255–284. Guilford Press, 2005.
- [19] J.A. Russell and L.F. Barrett. Core affect, prototypical emotional episodes, and other things called emotion: Dissecting the elephant. *Journal of Personality and Social Psychology*, 76(5):805–819, 1999.
- [20] D. Lykken and A. Tellegen. Happiness is a stochastic phenomenon. *Psychological Science*, 7(3):186–189, 1996.
- [21] J.P. Forgas. Mood and judgment: The affect infusion model (AIM). *Psychological Bulletin*, 117(1):39–66, 1995.
- [22] R.W. Levenson. Emotion and the autonomic nervous system: A prospectus for research on autonomic specificity. In H.L. Wagner, editor, *Social Psychophysiology and Emotion: Theory and clinical applications*, pages 17–42. John Wiley & Sons, New York, USA, 1988.
- [23] P.J. Lang. The emotion probe. Studies of motivation and attention. *The American Psychologist*, 50(5):372, 1995.
- [24] N. Schwarz. Feelings as information: Informational and motivational functions of affective states. In R.M. Sorrentino and E.T. Higgins, editors, *Handbook of motivation and cognition: Foundations of social behavior*. Guilford Press, New York, USA, 1990.
- [25] R. Cowie, E. Douglas-Cowie, N. Tsapatsoulis, G. Votsis, S. Kollias, and W. Fellenz. Emotion recognition in human-computer interaction. *IEEE Signal Processing Magazine*, 1:32–80, 2001.
- [26] S. Marsella, L Johnson, and C. LaBore. Interactive pedagogical drama. In *Proceedings of the Fourth International Conference on Autonomous Agents*, pages 301–308, 2000.
- [27] S. Marsella and J. Gratch. Modeling coping behavior in virtual humans: don't worry, be happy. In *Proceedings of the second international joint conference on Autonomous agents and multiagent systems*, Melbourne, Australia, 2003. ACM.
- [28] L.A. Zadeh. The concept of a linguistic variable and its application to approximate reasoning - i, ii, iii. *Information Sciences*, 1975.
- [29] L.A. Zadeh. *Fuzzy sets, fuzzy logic, and fuzzy systems: selected papers by Lotfi A. Zadeh*. World Scientific Publishing Co Pte Ltd, Singapore, Singapore, 1996.
- [30] L.A. Zadeh. Fuzzy logic = computing with words. *IEEE Transactions on Fuzzy Systems*, 4(2):103–111, 1996.
- [31] R.R. Yager and L.A. Zadeh, editors. *An Introduction to Fuzzy Logic Applications in Intelligent Systems*. Kluwer Academic Publishers, Norwell, USA, 1992.
- [32] G. Trivino, A. Alvarez-Alvarez, and G. Bailador. Application of the computational theory of perceptions to human gait pattern recognition. *Pattern Recognition*, 43(7):2572–2581, 2010.
- [33] A. Alvarez and G. Trivino. Comprehensible model of a quasi-periodic signal. In *Proceedings of the 9th International Conference on Intelligent Systems Design and Applications*, 2009.
- [34] G. Trivino and A. van der Heide. An experiment on the description of sequences of fuzzy perceptions. In *Proceedings of the International Conference on Hybrid Intelligent Systems*, Barcelona, Spain, 2008.
- [35] G. Trivino and A. van der Heide. Linguistic summarization of the human activity using skin conductivity and accelerometers. In *Proceedings of the Conference Information Processing and Management of Uncertainty in Knowledge Based Systems*, Malaga, Spain, 2008.
- [36] R.R. McCrae and O.P. John. An introduction to the five-factor model and its applications. *Journal of personality*, 60(2):175–215, 1992.
- [37] F. Dzogang, M.J. Lesot, M. Rifqi, and B. Bouchon-Meunier. Expressions of graduality for sentiments analysis - a survey. In *Proceedings of fuzzIEEE 2010 (WCCI'2010)*, pages 1394 – 1400, 2010.
- [38] P. Ekman and W.V. Friesen. *Facial Action Coding System: A Technique for the Measurement of Facial Movement*. Consulting Psychologists Press, Palo Alto, 1978.
- [39] P. Ekman and E.L. Rosenberg. *What the Face Reveals: Basic and Applied Studies of Spontaneous Expression Using the Facial Action Coding System*. Oxford University Press, USA, 2005.