



Jastrzębia Góra, 16th–20th September 2013

MATHEMATICAL MODEL OF THE EMOTIONAL STATE OF COMMUNICATING PEOPLE

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ABSTRACT

The continuous-time model we study was proposed by Leibovitch *et al.* (2008) and is related to the discrete model of the emotional state of communicating people described by Gottman *et al.* (2002). Interpreting the results we focus on the analysis of the impact of a person's attitude to life (*i.e.* the level of optimism and pessimism) on establishing emotional relations. It occurs that our conclusions are not always obvious from the sociological point of view.

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