Design and Analysis of FSO Systems Using the Software Package "FSO System Simulator (FSO SystSim)" – Steady Model

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***Abstract* — This paper describes a software package FSO System Simulator (FSO SystSim) which was designed and implemented at KEMT FEI TUKE. Simulation of FSO communication link is of great importance in designing and understanding the context of such connection depending on various parameters (technical and constantly changing atmospheric parameters of the transmission optical channel). Paper briefly describes the static model used in this programming package and describes experiments carried out by the FSO SystSim.**

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