

????????, ????, ?????? ??????????????, ????????, ?????????????? ????????? (???, 1. I 1969). ?????? ?? ?????? ?????? (1994), ?????????????? ? ?????? ?????????????????? (1997) ? ?????? ?????? ?????? ?????????????? ? ?????????????????? (1999) ?? ?????????????????? ?????????? ?????????????? ? ????. ?????? 2000--2001. ?????? ?? ?? ?????????????? ?????????? ?????????? ? ?????? (?????), 2001--2002. ?? ?????????????? ????????? ? ?????? (???), ? 2002--2003. ?? ?????????????? ? ?????????? ? ?????????????? ?????????? ?????????? (????????, ?????????? ?????????????). ?????????????? ?????????? ?? ?????? ? ?????????? ?????????? „????????? ??????“ ? ?????? ?? ??, ?????? ?????????? ?????????? ?????????????????, ?????????? ? ??? 2004. ? ?????????? ?????????????? ? ?????????????? ?????????? ?? ?????????????????? ?????????, ?????? ? ?????????? ?????????????? (2004--2006), ????????? (2006--2012), ? ?? 2017. ??????o? ?????????? ?? ?????? ?????????????????? ? ??????????????. ?????? ?????????? ?????????????????? ?????? ?????? ?????????? ?????????????????/?????, ?????? ??????????, ?????? ?????????????? ? ??, ?????????? ?? ?????? ?????????????????? ?????????????????? ????????????????? (Optical Communications Systems Laboratory and the Quantum Communications Laboratory). ?????? ?? ??? ??- ?????? ?????????? ?????? ?????????? ??????, ?????? ?? ?????? ?????? (???. *Coding for Optical Channels*, Boston 2010; *Quantum Information Processing and Quantum Error Correction: An Engineering Approach*, Philadelphia 2012; *Quantum Biological Information Theory*, Boston 2015) ? ?????? 50 ?????????????????? ??????????. ?????? ?? ?????????????????? ?????? ?????? ??????????: *IOP Journal of Optics*, *IEEE Communications Letters*, *Elsevier Physical Communication (PHYCOM) Journal*, *Frequenz*, *International Journal of Optics*. ??? ? ?????????????????? ?????????? ?????????? ?????????????????? (IEEE).

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*????? ?? ?????????? ? 2. ?????? III ?????? ?????? ?????????????????? (2021)