

Compact two-element transmission trap detector for 1550 nm wavelength

Vaigu, Aigar; **Kübarsepp, Toomas**; Manoocheri, Farshid Measurement science and technology 2015 / p. 1-6 : ill

Method for obtaining linear spectral responsivity of InGaAs-photodetector in the NIR wavelength range

Pokatilov, Andrei; Parker, Martin; Kübarsepp, Toomas; Vabson, Viktor; Vendt, Riho; Ansko, Ilmar; Manoocheri, Farshid BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 31-34 : ill http://www.ester.ee/record=b2150914*est

Predictable quantum efficient detector I : photodiodes and design

Sildoja, Meelis; Manoocheri, Farshid; **Kübarsepp, Toomas** Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011] 2011 / p. 227-228 : ill <https://cris.vtt.fi/en/publications/predictable-quantum-efficient-detector-i-photodiodes-and-predict>

Predictable quantum efficient detector. I, Photodiodes and predicted responsivity

Sildoja, Meelis; Manoocheri, Farshid; Merimaa, Mikko; Ikonen, Erkki; Müller, Ingmar; Werner, Lutz; Gran, Jarle; **Kübarsepp, Toomas**; Smid, Marek; Rastello, Maria Luisa Metrologia 2013 / p. 385-394 : ill <https://doi.org/10.1088/0026-1394/50/4/385> <https://cris.vtt.fi/en/publications/predictable-quantum-efficient-detector-i-photodiodes-and-predict> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Predictable quantum efficient detector. II, Characterization and confirmed responsivity

Müller, Ingmar; Johannsen, Uwe; Linke, Ulrike; Socaciu-Siebert, Liana; Smid, Marek; Porrovecchio, Geiland; Sildoja, Meelis; Manoocheri, Farshid; Ikonen, Erkki; Gran, Jarle; **Kübarsepp, Toomas**; Brida, Giorgio; Werner, Lutz Metrologia 2013 / p. 395-401 : ill <https://doi.org/10.1088/0026-1394/50/4/395> <https://www.scilit.com/publications/aacc372397c67cfa0451e026894282f> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Predictable quantum efficient detector (PQED)

Manoocheri, Farshid; Sildoja, Meelis; **Kübarsepp, Toomas** Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011] 2011 / p. 13-15 : ill https://physics.nist.gov/newrad2011/presentations/day3/AM4_Manoocheri_NEWRAD_invited.pdf

Simulations of a predictable quantum efficient detector with PC1D

Gran, Jarle; **Kübarsepp, Toomas**; Sildoja, Meelis; Manoocheri, Farshid; Ikonen, Erkki; Müller, Ingmar Metrologia 2012 / p. S130-S134 : ill <https://research.aalto.fi/en/publications/simulations-of-predictable-quantum-efficient-detector-with-pc1d>

Simulations of predictable quantum efficient detector with PC1D

Gran, Jarle; **Kübarsepp, Toomas**; Sildoja, Meelis; Manoocheri, Farshid; Ikonen, Erkki; Müller, Ingmar Proceedings of NEWRAD : [Maui, Hawaii, 18-23 September 2011] 2011 / p. 263-265 : ill <https://cris.vtt.fi/en/publications/simulations-of-a-predictable-quantum-efficient-detector-with-pc1d>

Traceability at the single photon level for quantum communication

Vaigu, Aigar; **Kübarsepp, Toomas**; Manoocheri, Farshid Proceedings of NEWRAD 2014 2014 / p. 109-110 : ill