

The Area of Possible Application of Discrete Fourier transform and Fresnel transform

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REFERENCES

- [1] M.Born, E.Volf Principles of Optics. Seventh (Expanded) Edition, Cambridge University Press. 1980. (first published 1959). 936 p.
- [2] V.M. Domnenko, M.V. Bursov, T.V. Ivanova. Modelirovanie formirovanija opticheskogo izobrazhenija. Uchebnoe posobie. – SPb: NIU ITMO, 2011 -141 s.
- [3] Matematicheskaja model' rasprostranenija sveta v prostranstve. Guzhov V.I., Berdnikov P.A., Kuznecov R.A. Avtomatika i programmnaja inzhenerija, Novosibirsk . 2013. №1(3) S. 121–127.
- [4] J.W. Goodman Introduction to fourier optics. Roberts and Company Publishers, 2005. 491 p.
- [5] Jaroslavskij L.P., Merzljakov N.S. Cifrovaja golografija. M.: Nauka. 1982. 219 s.
- [6] Merzljakov N.S., Popova N.R. Nekotorye osobennosti ispol'zovanija diskretnogo preobrazovanija Frenelja pri cifrovom vosstanovlenii gologramm. Avtometrija.-№5. 1987. s. 17-22.
- [7] Presentation Fresnel transform in the discrete form. Guzhov V.I., Nesin R.B., Emelyanov V.A. Automatics & Software Enginery, Novosibirsk. 2016. №1(14) P. 91–96.

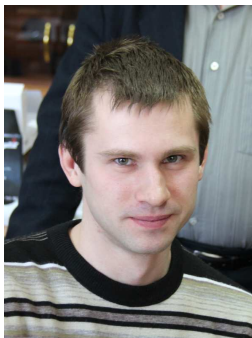


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