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Optical properties of GaN nanowires grown by MBE on SiC/Si(111) hybrid substrate

© *I.V. Shtrom*[1,2,3], *N.G. Filosofov*[3], *V.F. Agekian*[3], *M.B. Smirnov*[3], *A.Yu. Serov*[3],
R.R. Reznik[1,2,4], *K.E. Kudryavtsev*[5], *G.E. Cirlin*[1,2,4]

[1] St. Petersburg Academic University, Russian Academy of Sciences,
194021 St. Petersburg, Russia
[2] Institute for Analytical Instrumentation, Russian Academy of Sciences,
190103 St. Petersburg, Russia
[3] St. Petersburg State University,
199034 St. Petersburg, Russia
[4] ITMO University,
197101 St. Petersburg, Russia
[5] Institute for Physics of Microstructures of the Russian Academy of Sciences,
603950 Nizhny Novgorod, Russia
E-mail: igorstrohm@mail.ru

The aim of this work is to demonstrate the fundamental possibility Si-doped GaN nanowires growth on the buffer layer of silicon carbide on silicon substrate and to investigate the optical characteristics of this structures.

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