Magnetotransport of low dimensional semiconductor and graphite based systems

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List of Publications

1) M. Kemerink, P.M. Koenraad, P.C.M. Christianen, R.T.F. van Schaijk, J.C. Maan and J.H. Wolter, "*Magneto-optical study on exciton screening in p-type $Al_xGa_{1-x}As/In_yGa_{1-y}As$ quantum wells*", Phys. Rev. B56, 4853 (1997)

2) M. Kemerink, P.M. Koenraad, A. Parlangeli, P.C.M. Christianen, R.T.F. van Schaijk, J.C. Maan and J.H. Wolter, "*Excition bleaching in p-type single and double quantum wells: the effects of subband occupation and wave function overlap*", Phys. Stat. Sol (a)164, 73 (1997)

3) R.T.F. van Schaijk, A de Visser, S.G. Ionov, V.A. Kulbachinskii and V.G. Kytin, "*Magnetotransport in carbon foils fabricated from exfoliated graphite*", Phys. Rev. B57, 8900 (1998)

4) R.T.F. van Schaijk, A. de Visser, V.A. Kulbachinskii, V.G. Kytin, R.A. Lunin, V.G. Mokerov, A.S. Bugaev, A.P. Senichkin, "*Magnetotransport in GaAs δ-doped by Sn*", Physica B 256-258, 243 (1998)

5) R.T.F. van Schaijk, A. de Visser, S. Olsthoorn, H.P. Wei and A.M.M. Pruisken "*The plateau-insulator phase transition in the quantum Hall regime*", symposium proceedings "Nanostructures: Physics and Technology", p. 163-166, St Petersburg, 14-18 juni 1999

6) V.A. Kulbachinskii, V.G. Kytin, R.A. Lunin, A.V. Golikov, A.V. Demin, V.G. Mokerov, A.S. Bugaev, A.P. Senichkin, R.T.F. van Schaijk, A. de Visser and P.M. Koenraad, "*Observation of negative persistent photoconductivity in GaAs δ-doped by Sn*", symposium proceedings "Nanostructures: Physics and Technology", p. 299-302, St Petersburg, 14-18 juni 1999

7) V.A. Kulbachinskii, V.G. Kytin, R.A. Lunin, M.B. Vvedenskiy, V.G. Mokerov, A.S. Bugaev, A.P. Senichkin, R.T.F. van Schaijk, A. de Visser and P.M. Koenraad, "*Delta-doping of GaAs by Sn*", submitted to Semiconductor Science and Technology.

8) R.T.F. van Schaijk, A. de Visser, S. Olsthoorn, H.P. Wei and A.M.M. Pruisken, "*Probing the plateau-insulator quantum phase transition in the quantum Hall regime*", submitted to Phys. Rev. Lett.

9) V.A. Kulbachinksii, V.G. Kytin, A.V. Golikov, R.A. Lunin, A.P. Senichkin, A.S. Bugaev, R.T.F.van Schaijk and A. de Visser, "*Wavelength dependent persistent photoconductivity in δ(Sn)-GaAs structures*", to be submitted.

10) R.T.F. van Schaijk, A. de Visser and E. McRae, "*Bandstructure of stage 1,2 and 3 $PdAl_2Cl_8$ intercalated graphite*", to be submitted.