

SELECTED PUBLICATIONS

Jon Magne Leinaas

- On the theory of identical particles,*
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- Topological charges in gauge theories,*
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Nuclear Physics **B212** (1983) 131, with J.S. Bell.
- The Unruh effect and quantum fluctuations of electrons in a storage ring,*
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- Intermediate statistics for vortices in superfluid films,*
Physical Review **B37** (1988) 9286, with J. Myrheim.
- Vacuum currents around a magnetic flux string,*
Intern. Journ. Mod. Phys. **A6** (1991) 5327, with E.G. Flekkøy.
- Dimensional reduction in anyon systems,*
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- Field theory of anyons in the lowest Landau level ,*
Nucl. Phys. B **8** (1996) 470, with T.H. Hansson and S. Viefers.
- Exclusion Statistics in a trapped two-dimensional Bose gas,*
Phys. Rev. Lett. **86** (2001) 2930-2933, with T.H. Hansson and S. Viefers.
- Classical Phase Space and Statistical Mechanics of Identical Particles,*
Phys. Rev. E **63** (2001) 026102, with T.H. Hansson, S.B. Isakov, J.M. Leinaas and U. Lindström.
- Effective photon-photon interaction in a two-dimensional “photon fluid”,*
Phys. Rev. A **69**, 063816 (2004), with R.Y. Chiao, T.H. Hansson and S. Viefers.
- The Fulling-Unruh effect in general stationary frames,*
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- Sharp fractional charges in Luttinger liquids,*
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- Numerical studies of entangled positive-partial-transpose states in composite quantum systems,*
Phys. Rev. A **81**, 062329 (2010), with Jan Myrheim and Per Øyvind Sollid.
- Charge Fractionalization on Quantum Hall Edges,*
Phys. Rev. B **84**, 115313 (2011), with M. Horsdal, M. Rypestøl and T.H. Hansson.