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Bose-Einstein Condensation into Non-Equilibrium States

Cover: false-colour representation of condensate focusing data. (Data processing by Wolf von Klitzing.)

Bose-Einstein Condensation into Non-Equilibrium States

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ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam,
op gezag van de Rector Magnificus
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ten overstaan van een door het college voor promoties ingestelde
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door

Igor Yevgeniiovich Shvarchuck

geboren te Rostov-on-Don, Rusland

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Faculteit: Faculteit der Natuurwetenschappen, Wiskunde en Informatica

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Applied Physics B, **71**(4), 475 (2000)

Focusing of Bose-Einstein condensates in free flight,

I. Shvarchuck, Ch. Buggle, D.S. Petrov, M. Kemmann, T.G. Tiecke, W. von Klitzing, G.V. Shlyapnikov and J.T.M. Walraven

in *"Interaction in Ultracold Gases: From Atoms to Molecules"*, ed. by M. Weidemuller and C. Zimmermann (Wiley-VCH, Berlin, 2003)

Bose-Einstein condensation into nonequilibrium states studied by condensate focusing

I. Shvarchuck, Ch. Buggle, D.S. Petrov, K. Dieckmann, M. Zielonkovski, M. Kemmann, T.G. Tiecke, W. von Klitzing, G.V. Shlyapnikov, and J.T.M. Walraven

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