



MAFIA - the seminar you can't refuse

On Lieb-Thirring inequalities for complex Jacobi matrices

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ČVUT v Praze

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Fakulta jaderná a fyzikálně inženýrská, ČVUT v Praze
Trojanova 13, 12000 Praha

Abstract: First part of the seminar will be devoted to a brief summary of the state of the art of Lieb-Thirring-type inequalities for Jacobi operators. In the second part, we answer two open questions raised by Hansmann and Katriel in 2011 that concern differences in these kind of inequalities when passing from self-adjoint to general possibly non-self-adjoint setting. The second part of the talk is based on a joint work with Sabine Bögli (Durham University).