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Advances in laser cooling of solids - purdue

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Dr. sergei petrushkin : spie.org profile

SPIE Profile : Dr. Sergei Petrushkin Collective effects application in laser cooling of solids (Conference Proceedings) Authors: S. Petrushkin, Vitaly Samartsev

Doppler cooling - wikipedia, the free encyclopedia

Doppler cooling was simultaneously proposed by two groups in 1975, the first being David J. Wineland and Hans Georg Dehmelt Laser Cooling and Trapping.

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Laser Cooling in Semiconductors An All-Solid-State Cryocooler The research involve all fundamental physics and engineering issues of laser cooling in solids that

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Laser cooling of solids - abstract - reports on

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Laser Cooling of Solids. Summary; Basic Physical Principles; Historical Overview; Experimental Measurements; Cryocooler Applications; Laser Applications; References

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Entropy and efficiency in laser cooling of solids X. L. Ruan,^{1,*} S. C. Rand,² and M. Kaviani¹, needed for laser cooling of solids using very general arguments.

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Laser Cooling of Solids A volume in Woodhead Publishing Series in Electronic and Optical Materials.
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Sergei N. Andrianov and Vitaly V. Samartsev "Anti-Stokes regime of laser cooling of solids", Proc. SPIE 4061, IRQO '99: Quantum Optics, 296 (January 14, 2000); doi:10

Laser cooling - wikipedia, the free encyclopedia

Laser cooling refers to a number of techniques in which atomic and molecular samples are cooled down to near absolute zero through the interaction with one or more

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