

Quantum
Physics

A Single Laser System for Ground State Cooling of 25- Mg+

Boerge
Hemmerling,
Florian
Gebert, Yong
Wan, Daniel
Nigg, Ivan V.
Sherstov, Piet O.
Schmidt

(Submitted on 27
Oct 2010)

We
present
a single
solid-

Download:

- [PDF](#)
- [PostScript](#)
- [Other formats](#)

Current browse context:

quant-ph

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [1010](#)

Change to browse by:

[physics](#)

[physics.atom-ph](#)

References & Citations

- [SLAC-SPIRES HEP](#)
([refers to](#) | [cited by](#))
- [NASA ADS](#)

Bookmark (what is this?)



state
laser
system
to cool,
coherently
manipulate
and
detect \hat{S}
{25}