References Reference

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1 General Reads

This is a test document. Let's test if this compiles correctly:

This is a potential way of reducing light shift in compact clock systems [1]

This is the first use of vapour cells in atomic clocks / frequency references [2]

A recent review article of 2 photon Rb compact clocks [3]

Sean's thesis - good vapour cell and general reference [4]

French thesis - sean recommends - looks at LCVR and the noise it adds to system [5]

Rachel Cannon's thesis - good explanation of error signals / lock in detection [6]

New paper on short term stability of 87Rb 2 photon clock, nice diagrams [7]

Eilidh's journal club paper - 776nm fluorescence detection [8]

Paper by Aidan and Rachel O on how to characterise noise in an ECDL [9]

Aidan suggestion 2 - Doppler thermometry and how to fit spectra nicely [10]

Steck 87Rb [11]

More interest than anything - a new Python package atomSmltr for simulation laser cooling and MOTs [12]

2 Iodine Clocks

The original 3 cornered hat maths - first paper but not useful reading [13]

A good 3CH review article [14]

The main paper for optical iodine clocks (Vector Atomic, Roslund et al) [15] and their recent conference proceeding [16]

German group (Wust et al) who have made iodine frequency references for space [17]

A thesis on iodine frequency references that has some nice explanations in it [18]

References

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