Insert thesis title here

By

Jeffrey 'The Dude' Lebowski

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Department of Macquarie Medical School

Faculty of Medicine, Health and Human Sciences

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Except where acknowledged in the customary manner, the material presented in this thesis is, to the best of my knowledge, original and has not been submitted in whole or part for a degree in any university.

Jeffrey ‘The Dude’ Lebowski

Acknowledgements

I would like to thank Walter for being a great budy even if he is sometimes somewhat misguided. It would also seem apropiate to thank the Russians for vodka, and the cows for milk. The cornerstones of my dietary sustenance.

This thesis is dedicated in memory of my friend Donny who died in a battle with nihilists.

- The Dude abides.

List of Publications

- insert author list *insert paper title*. (submitted to insert journal name)
- insert author list *insert paper title*. insert journal name **insert volume number**, insert article or page number (insert year)

Abstract

This is my abstract. This is what I've spent the last x years working on, and I'm going to tell you about now.

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“Forget it, Donny, you’re out of your element!”

Walter Sobchak - The Big Lebowski

1 Introduction

This is not a very interesting introduction, however, every thesis probably needs one.

"This is not Nam. This is bowling. There are rules!"

Walter Sobchak - The Big Lebowski

2

Another Chapter

It's likely that you'll need another chapter, so here's a filler just to see where it will go [1]. Also here is a figure 2.1, so you can see how the *hyperref* package works. Note the hyperlinking of the citation and figure reference. This will only work if you have the *foronline* option included for the MQThesis document class, at the top of thesis.tex.

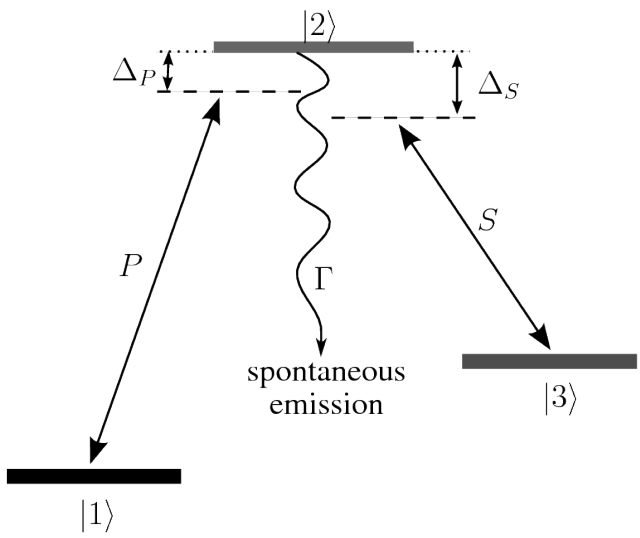

Figure 2.1: The Λ-type three-level energy scheme. States $|1\rangle$ and $|2\rangle$ are coupled by the pump pulse P which has a detuning Δ_P from being exactly on resonance. Similarly states $|2\rangle$ and $|3\rangle$ are coupled by the Stokes pulse S which has a detuning Δ_S. State $|2\rangle$ is short lived with spontaneous emission occurring out of the system

“Yeah, well, you know, that’s just, like, your opinion, man.”

The Dude - The Big Lebowski

3 Conclusion

Not a very interesting conclusion, however you’ll need one for your thesis.

A

An Appendix

This is an appendix. Add anything in here that you need in an appendix.

List of Symbols

The following list is neither exhaustive nor exclusive, but may be helpful.

a, b, c, d . . . . . annihilation operators

$a^\dagger$, $b^\dagger$, $c^\dagger$, $d^\dagger$ . . creation operators

References

[1] J. Bloggs. *An awesome paper*. Physical Review Letters **80**, 1000 (1996). 3