

# QUANTUM TOPOLOGY AND CATEGORIFICATION SEMINAR, SPRING 2017

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DECEMBER 29, 2016

## CONTENTS

<b>Part 1. Quantum topology: Chern-Simons theory and the Jones polynomial</b>	1
1. Dummy section: 12/29/16	1
<b>Part 2. Categorification: Khovanov homology</b>	1
References	1

### Part 1. Quantum topology: Chern-Simons theory and the Jones polynomial

#### 1. DUMMY SECTION: 12/29/16

Let  $G$  be a compact Lie group, after [1].

### Part 2. Categorification: Khovanov homology

## REFERENCES

[1] Edward Witten. Quantum field theory and the jones polynomial. *Communications in Mathematical Physics*, 121(3):351–399, 1989.