

Homework 2

Due Friday 14 February

1. McIntyre 2.4 (Fill in attached theory sheet.)
 2. McIntyre 2.5
 3. McIntyre 2.6
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Practice problems

1. McIntyre 2.1
2. McIntyre 2.2
3. McIntyre 2.3
4. McIntyre 2.7

SPINS Lab 2 Theory Worksheet

Unknown $|\psi_1\rangle$

Probabilities	Axis		
Result	x	y	z
spin up \uparrow			
spin down \downarrow			

Unknown $|\psi_2\rangle$

Probabilities	Axis		
Result	x	y	z
spin up \uparrow			
spin down \downarrow			

Unknown $|\psi_3\rangle$

Probabilities	Axis		
Result	x	y	z
spin up \uparrow			
spin down \downarrow			

Unknown $|\psi_4\rangle$

Probabilities	Axis		
Result	x	y	z
spin up \uparrow			
spin down \downarrow			