Unit 7 - Week 6

Assignment 6

Due on 2020-05-11, 05:00:00-06:00:00

Basic quantum states:

1. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

2. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

3. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

4. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

5. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

6. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

7. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

8. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

9. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

10. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

11. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

12. Show that all possible quantum states are of the form $|x\rangle = |x\rangle$.

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Instructor: Assistant

Date: 2020-05-11

Comments: All assignments must be submitted by the deadline.

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Sample Solution:

1. $|x\rangle = |x\rangle$

2. $|x\rangle = |x\rangle$

3. $|x\rangle = |x\rangle$

4. $|x\rangle = |x\rangle$

5. $|x\rangle = |x\rangle$

6. $|x\rangle = |x\rangle$

7. $|x\rangle = |x\rangle$

8. $|x\rangle = |x\rangle$

9. $|x\rangle = |x\rangle$

10. $|x\rangle = |x\rangle$

11. $|x\rangle = |x\rangle$

12. $|x\rangle = |x\rangle$