習題四

1. Ch. 10 10-1 For the eigenstate with higher eigenvalue, measure . What are (or is) the possible values? What are (or is) the corresponding probabilities?
2. Ch. 10 ，calculate the expectation value of .

Measure , what are (or is) the possible values? What are (or is) the corresponding probabilities?

Hint: The expansion components 分量 of along equals .