

# Expectation Value

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- *From:* "Ali" <[ph\\_question@xxxxxxxxxx](mailto:ph_question@xxxxxxxxxx)>
  - *Date:* Thu, 2 Jun 2005 05:40:55 +0000 (UTC)
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Dear Members,

I don't know how Sakurai has driven the last identity 1.4.6 about expectation value:

$\langle A \rangle = \text{SIGMA}_a' \text{SIGMA}_a'' \langle a|a \rangle \langle a''|A|a' \rangle \langle a'|a \rangle = \text{SIGMA}_a' a' | \langle a'|a \rangle |^2$

can anyone help me?

regards,

Ali

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- *Follow-Ups:*
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