

TOOLS : OBSERVABLES

square modulus of)

matrix elements of operators between states

"static" m.e. : $\langle g.s. | \text{Operator} | g.s. \rangle$

dynamical m.e. :

$\langle \text{final state} | \text{Transition Operator} | \text{initial state} \rangle$

initial state
final state

$$\longleftrightarrow H = (T + V)$$

↑

Do we need to know the wave function?
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