

HW3 Bonus: Shabani – QM2 Due Oct 7th

1. For derivation of uncertainty principle in class:

$$\sigma_A^2 \sigma_B^2 \geq \left( \frac{1}{2i} \langle [\hat{A}, \hat{B}] \rangle \right)^2$$

was it necessary to assume Hermitian properties of the operators or not?