Check that two measurements of the same observable, with infinitesimal time separation, give the same outcome:

$\psi = \sum_{i=1}^{\infty} c_i \psi_i$ measurement 1 outcome λ_i $\psi' = \psi_i$ after mmt.

moment 2 outcome λ_i $\psi'' = \psi_i$

$\psi' = \sum_{j=1}^{\infty} c_j' \psi_j$ with $c_i' = 1$

$c_j' = 0 \ (j \neq i)$.

So proj. postulate for moment 2 says

outcome λ_i has prob $|c_i'|^2 = 1$

λ_j $(j \neq i)$ has prob $|c_j'|^2 = 0$.