## Abstract Submitted for the HAW14 Meeting of The American Physical Society

Phenomenology of Neutron-Antineutron Oscillations Revisited<sup>1</sup>

SUSAN GARDNER, EHSAN JAFARI, University of Kentucky — We revisit the phenomenology of neutron-antineutron  $(n-\bar{n})$  oscillations in the presence of external magnetic fields, highlighting the role of spin. We show, contrary to long-held belief, that the  $n-\bar{n}$  transition rate can be enhanced under special conditions, opening new pathways for its empirical study.

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