

INDEPENDENCE ARISING FROM INTERACTING FOCK SPACES AND
RELATED CENTRAL LIMIT THEOREM

Anis Ben Ghorbal
Vitonofrio Crismale

Abstract: We present the notion of projective independence, which abstracts, in an algebraic setting, the factorization rule for the vacuum expectation of creation-annihilations-preservation operators in interacting Fock spaces described in [3]. Furthermore, we give a central limit theorem based on such a notion and a Fock representation of the limit process.

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