

## Observables of asymptotically vanishing correlations, states at infinity and quantum separability

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1984 J. Phys. A: Math. Gen. 17 2363

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## Corrigenda

### Asymptotic operator algebras in quantum mechanics

Kay-Kong Wan and R G D McLean 1984 *J. Phys. A: Math. Gen.* 17 825–36

The last line on page 826 should read

$$\|(E_x(b_{r_k}) - E_x(b_{r_{k-1}}))\psi_{r_k}\|^2 > 1 - 1/k.$$

The expression in (1) of *Definition 3* on page 829 should be

$$\mathcal{A}_\Lambda = \{E_x(\Lambda)AE_x(\Lambda) : A \in B(\mathcal{H})\}.$$

The line immediately above *Lemma 2* on page 831 should read:

by the lemma and theorem below.

On page 832 the expression at the end of the line labelled (4) in the *Proof* should be

$$A \in \Delta, \text{ not } A \in \Delta.$$

On page 834 the expression at the end of the first line in the last paragraph at the bottom should read

$$G \in \Delta, \text{ not } G \in \Delta.$$

### Observables of asymptotically vanishing correlations, states at infinity and quantum separability

Kay-Kong Wan and R G D McLean 1984 *J. Phys. A: Math. Gen.* 17 837–46

The first line on page 839 should read

*Postulate 1.* A free quantum particle in  $\mathbb{R}^n$  has associated with it the  $C^*$ -algebra...