Citations From References: 8 From Reviews: 4

MR0071745 (17,178f) 46.2X
On the permutability of self-adjoint operators.

Theorem 1. If the product of two unbounded self-adjoint operators $T_1, T_2$ is an extension of a third self-adjoint operator $T$, then every projection in the range of the resolution of the identity of $T_1$ commutes with every projection in the range of the resolution of the identity of $T_2$. Corollary 1. Under the hypotheses of Theorem 1, $T = T_1 T_2$.  

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