Erratum to: Markov processes on Riesz spaces

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In Definition 3 of this article, a condition has been omitted.

Definition 3 should read (i.e. the italicized words below were omitted):

Definition 3 Let E be a Dedekind complete Riesz space with conditional expectation T and weak order unit $e = Te$. Let P and Q be band projections on E , we say that P and Q are T -conditionally independent with respect to T if

$$TPTQe = TPQe = TQTPe. \quad (1)$$

We say that two Riesz subspaces E_1 and E_2 of E , containing $\mathcal{R}(T)$, are T -conditionally independent with respect to T if all band projections $P_i, i = 1, 2$, in E with $P_i e \in E_i, i = 1, 2$, are T -conditionally independent with respect to T .

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