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**A note on application of integral operator in learning theory.** (English) Zbl 1165.68059  
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Summary: By the aid of the properties of the square root of positive operators we refine the consistency analysis of regularized least square regression in a reproducing kernel Hilbert space. Sharper error bounds and faster learning rates are obtained when the sampling sequence satisfies a strongly mixing condition.

**MSC:**

68T05 Learning and adaptive systems in artificial intelligence

Cited in 18 Documents

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regularized least square regression; reproducing kernel Hilbert space

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