**عنوان مقاله:**

Controlled Continuous $G$-Frames and Their Multipliers in Hilbert Spaces

**محل انتشار:**

مجله تحریریه ی آنالیز ریاضی سهند, دوره 15, شماره 1 (سال: 1398)

تعداد صفحات اصل مقاله: 12

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**خلاصه مقاله:**

In this paper, we introduce $(\mathcal{C},\mathcal{C})$-controlled continuous $g$-Bessel families and their multipliers in Hilbert spaces and investigate some of their properties. We show that under some conditions sum of two $(\mathcal{C},\mathcal{C})$-controlled continuous $g$-frames is a $(\mathcal{C},\mathcal{C})$-controlled continuous $g$-frame. Also, we investigate when a $(\mathcal{C},\mathcal{C})$-controlled continuous $g$-Bessel multiplier is a p-Schatten class operator.

**کلمات کلیدی:**

Controlled continuous $g$-frames, $(\mathcal{C}, \mathcal{C})$-controlled continuous $g$-Bessel families, Multiplier of continuous $g$-frames

**لینک ثابت مقاله در پایگاه سیویلیکا:**

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