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# THE INTEGRAL REPRESENTATION OF THE SYSTEM BIORTHOGONAL TO AN EXPONENT SYSTEM


## Abstract

*The exponent system* $\left\{e^{i[(n+\alpha_1)t+\beta(t)]}, e^{-i[(n+\alpha_2)t+\beta(t)]}\right\}_{n=0;k=1}^{\infty}$ *is considered where* $\beta(t)=\begin{cases}\beta_1, & -\pi<t<0,\\ \beta_2, & 0<t<\pi,\end{cases}$ $\alpha_i, \beta_i \in \mathbf{R}$, $i=1,2$ *are real parameters. At the paper the explicit integral representation of biorthogonal system to this exponent system is obtained.*