Year: 2009 | **Vol.: 75** | **Fasc.: 1-2**

Title: Solution of a bisymmetry equation on a restricted domain

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Let $X \subset \mathbb{R}$ be an open interval and define the set Δ by $\Delta = \{(x, y) \in X \times X \mid x \leq y\}$. In this note we give the solution of the equation $F(G(x, y), G(u, v)) = G(F(x, u), F(y, v))$, which holds for all $(x, y) \in \Delta$, $(x, u) \in \Delta$, $(y, v) \in \Delta$, and $(u, v) \in \Delta$, where the functions $F : \Delta \to X$ and $G : \Delta \to X$ are continuous and strictly increasing in each variable, and we suppose that $F(x, x) = x$ and $G(x, x) = x$ for all $x \in X$. The problem has been posed and investigated by M. V. Sokolov in [6].

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