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Abstracts of Short Communications and Posters

Section:

11. Mathematical Physics

1991 MS Classification: 81
Zharinov, Victor V., Steklov Mathematical Institute, Moscow, Russia
On derivations of the Heisenberg algebra
It is shown that all derivations of the Heisenberg algebra $\mathcal{H}$ are inner. Several interesting subalgebras of the Lie algebra $\mathfrak{D}(\mathcal{H})$ of all derivations of $\mathcal{H}$ are presented.