

代数宿題12

2015-1-9

1. Let $\mathbb{G}_{m,k} = \operatorname{Spec} k[x, x^{-1}]$ with comultiplication $\Delta(x) = x \otimes x$ and counit $\epsilon(x) = 1$. Describe the invariant k -differential operators of order ≤ 1 on $\mathbb{G}_{m,k}$.

提出期限: 1月15日授業中