Summary: A graph $G$ is a pseudo-core if every endomorphism of $G$ is either an automorphism or a colouring. Let $\mathbb{F}_q$ be the finite field with $q$ elements and let $\text{Alt}(m, q)$ ($m \geq 4$) be the alternating forms graph on the vector space $\mathbb{F}_q^m$. We prove that $\text{Alt}(m, q)$ is a pseudo-core. Moreover, if $m$ is odd, then $\text{Alt}(m, q)$ is a core. If both $m$ and $q$ are even, then $\text{Alt}(m, q)$ is not a core.

Keywords: alternating forms graph; endomorphism; core; pseudo-core; maximum clique
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