On the Zassenhaus conjecture for direct products
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H.J. Zassenhaus conjectured that any torsion unit of finite order with augmentation one in the integral
group ring $\mathbb{Z}G$ of a finite group $G$ is conjugate in the rational group algebra $\mathbb{Q}G$ to an element of $G$.
This conjecture found much attention and was proved for many series of groups. However, there is no
so much information about the conjecture for the direct product of two groups. In this talk we present
our recent results on the Zassenhaus conjecture for the direct product $G \times A$ where $G$ is a Camina finite
group and $A$ is a abelian finite group.