

1064-20-49

Julie Deserti* (deserti@math.cnrs.fr). *Dynamical properties to solve a problem in group theory.*

We will give the description of the embeddings from $\mathrm{SL}(3, \mathbb{Z})$ into the Cremona group; the tools used for such a description come from group theory (presentation and structure of $\mathrm{SL}(3, \mathbb{Z})$) and from dynamical properties of birational maps. (Received August 22, 2010)