

**ABSTRACT.** *We construct explicit examples of subgroups of  $\mathrm{PSL}(2, \mathbb{C})$ ,  $\mathrm{PSU}(2)$  and  $\mathrm{PSL}(2, \mathbb{R})$  with no elements of order 2 which cannot be lifted up to  $\mathrm{SL}(2, \mathbb{C})$ .*