(1

- 1 Given $\kappa' = //\kappa$ and $\kappa' \cdot \gamma' = \chi \cdot \gamma$ show:
 - a $\sqrt{1}$ $\sqrt{2}$ $\sqrt{2}$
 - b (DET /) = 1
 - $C \qquad \left(\bigwedge^{\circ} \circ \right)^{2} = 1 + \sum_{k} \left(\bigwedge^{k} \circ \right)^{2} > 1$
- Complete the table on page 159 of the lecture notes, obtaining the results that were not explictly shown in the notes.