

Inference at \* 1  
of proof for Lemma minus\_functionality\_wrt\_le:

1.  $i : \mathbb{Z}$   
2.  $j : \mathbb{Z}$   
3.  $i \geq j$   
 $\vdash (-i) \leq (-j)$   
by InvertRel 3

1:

3.  $j \leq i$   
 $\vdash (-i) \leq (-j)$   
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