

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

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1.  $i : \mathbb{Z}$ 
2.  $j : \mathbb{Z}$ 
3.  $j \leq i$ 
 $\vdash (-i) \leq (-j)$ 
  by (RA ((Assert  $(-(i+j)) \leq -(i+j))$ )
    CollapseTHENM (
      FwdThruLemma 'add_functionality_wrt_le' [3;-1]))·)
```

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