```
minus_functionality_wrt_le  THM

⊢  ∀i,j:ℤ. i≥j ⇒ -i≤-j  by Auto
|
1. i : ℤ
2. j : ℤ
3. i≥j
⊢  -i≤-j  by InvertRel 3
|
3. j≤i
⊢  -i≤-j
  by RA
     ((Assert (-(i+j)≤-(i+j)))
      THEN
      (FwdThru
       Thm* ∀i1,i2,j1,j2:ℤ. i1≤j1 ⇒ i2≤j2 ⇒ i1+i2≤j1+j2
       {add_functionality_wrt_le}
       [3;-1]))
END
```