```
ndiff_bound  THM

⊢  ∀b,a:ℤ. b≤(b -- a)+a  by Def of b -- a
|
1. b : ℤ
2. a : ℤ
⊢  b≤imax(b-a;0)+a
| by Rewrite by
|    Thm*  ∀a,b,c:ℤ. imax(a;b)+c = imax(a+c;b+c)    {imax_add_r}
|
⊢  b≤imax(b-a+a;0+a)
  by BackThru: Thm*  ∀a,b,c:ℤ. a≤imax(b;c) ⟺ a≤b ∨ a≤c    {imax_ub}
END
```