```
ndiff_wf_nat  THM

⊢  ∀a,b:ℤ. (a -- b) ∈ ℕ  by Def of a -- b
|
1. a : ℤ
2. b : ℤ
⊢  imax(a-b;0) ∈ ℕ  by Analyze
|
.....set predicate .....
⊢  0≤imax(a-b;0)
  by BackThru: Thm*  ∀a,b,c:ℤ. a≤imax(b;c) ⟺ a≤b ∨ a≤c    {imax_ub}
END
```