```
ndiff_ndiff_eq_imin  THM

⊢  ∀a,b:ℕ. (a -- (a -- b)) = imin(a;b)
| by Auto THEN Def of <a> -- <b>
|
1. a : ℕ
2. b : ℕ
⊢  imax(a-imax(a-b;0);0) = imin(a;b)
| by Decide: a≤b THEN Repeat (ElimImaxmin Auto 0)
|
|\
| 3. a≤b
| ⊢  a-0 = a  by Auto
|
.\
. 3. ¬a≤b
. ⊢  a-(a-b) = b  by Auto
END
```