```
ndiff_add_eq_imax  THM

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