```
nsub_intiseg_rw  THM

⊢  ∀a,b:ℤ. {a...b} ~ ℕ(1+b-a)  by Auto
|
1. a : ℤ
2. b : ℤ
⊢  {a...b} ~ ℕ(1+b-a)
| by Rewrite by
|     Thm*  ∀a:ℤ, b:ℤ. {a...b} ~ {a..(b+1)⁻}    {intiseg_intseg_plus}
|
⊢  {a..(b+1)⁻} ~ ℕ(1+b-a)
| by Rewrite by Thm*  ∀a,b:ℤ. {a..b⁻} ~ ℕ(b-a)    {nsub_intseg_rw}
|
⊢  ℕ(b+1-a) ~ ℕ(1+b-a-0)  by Rewrite by b+1-a = 1+b-a-0
END
```