```
add_cancel_in_le  THM

⊢  ∀a,b,n:ℤ. a+n≤b+n ⇒ a≤b  by UnivFmlaCD []
|
1. a : ℤ
2. b : ℤ
3. n : ℤ
4. a+n≤b+n
⊢  a≤b  by Assert (a+n+-n≤b+n+-n)
|
.....assertion .....
⊢  a+n+-n≤b+n+-n
  by BackThru
     Thm* ∀i1,i2,j1,j2:ℤ. i1≤j1 ⇒ i2≤j2 ⇒ i1+i2≤j1+j2
     {add_functionality_wrt_le}
END
```