```
absval_sym  THM

⊢  ∀i:ℤ. |i| = |-i|
  by (Analyze 0)
     THEN
     (BackThru Thm* ∀x,y:ℤ. |x| = |y| ⟺ x = ± y    {absval_eq})
     THEN
     (Unfold `pm_equal` 0)
END
```