```
sum_le  THM

⊢  ∀k:ℕ, f,g:(ℕk→ℤ).
   (∀x:ℕk. f(x)≤g(x)) ⇒ sum(f(x) | x < k)≤sum(g(x) | x < k)
  by SumInd
END
```