```
rem_bounds_4_typing_sfa  THM

⊢  ∀a:ℕ, n:{...-1}. (a rem n) ∈ ℕ(-n)
  by UnivCD
     THEN
     Inst:
     Thm* ∀a:ℕ, n:{...-1}. 0≤(a rem n) & (a rem n)<-n
     {rem_bounds_4}
     Using:[a | n]
END
```