

alphabet_size, delta_minus_one : nat **c** : configuration

s, s' : Δ -tuple
 (set_of_eqType (ordinal_finType alphabet_size))

cs : tuple_finType Δ (ordinal_finType alphabet_size) **pe_cs** : perm_eq cs c

q : all2
 (λ (**c** : ordinal_finType alphabet_size)
 (**s** : {set color}),
 c \in s) cs s

mapping : 'S_ Δ

smap : s' = [tuple tnth s (mapping i) | i < Δ]

perm_eq [tuple tnth cs (mapping i) | i < Δ] c

all2
 (λ (**c** : ordinal_finType alphabet_size)
 (**s** : {set color}),
 c \in s) [tuple tnth cs (mapping i) | i < Δ] s'