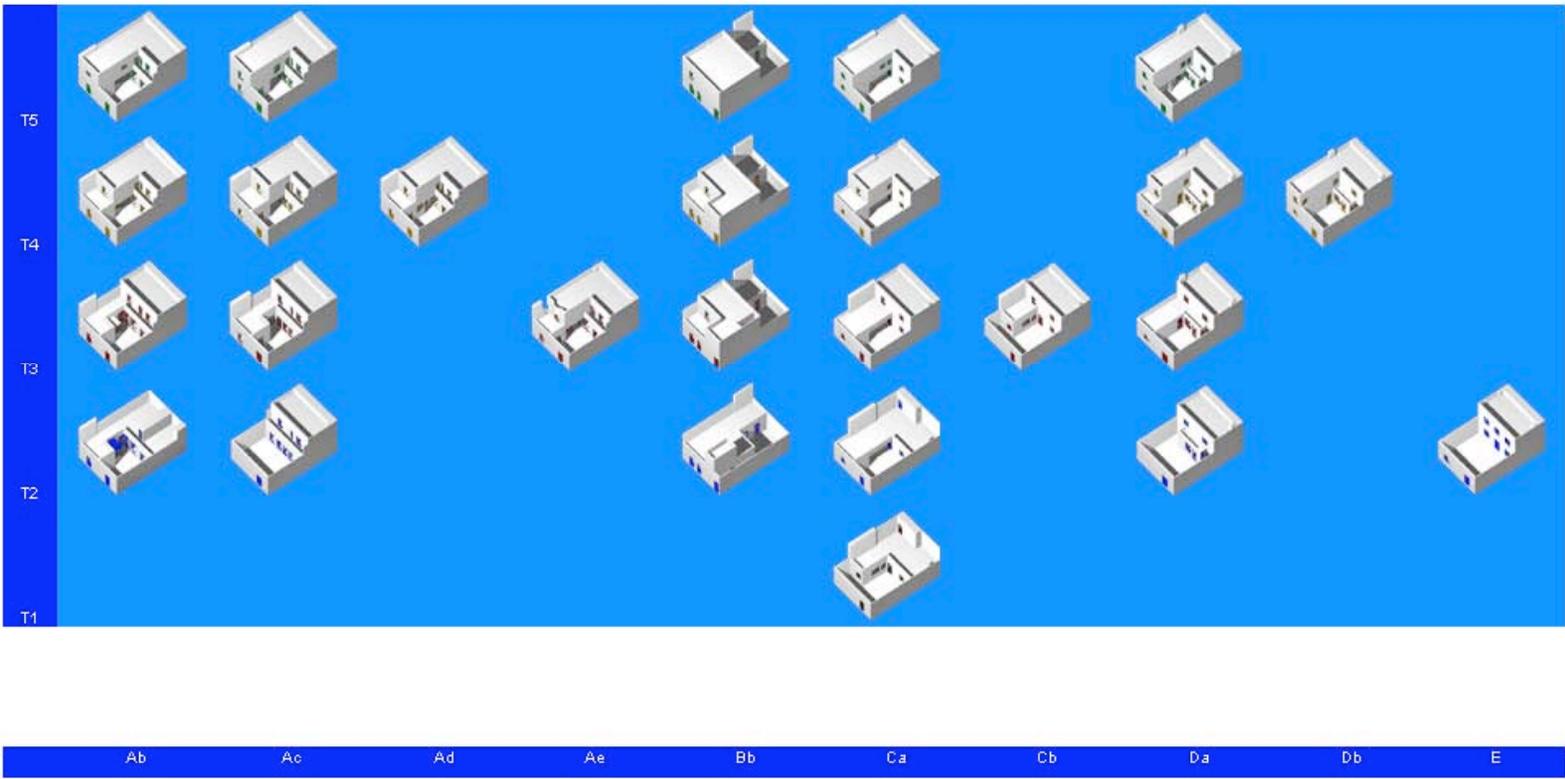


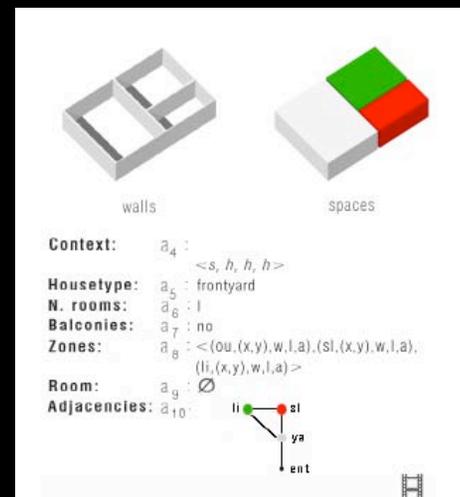
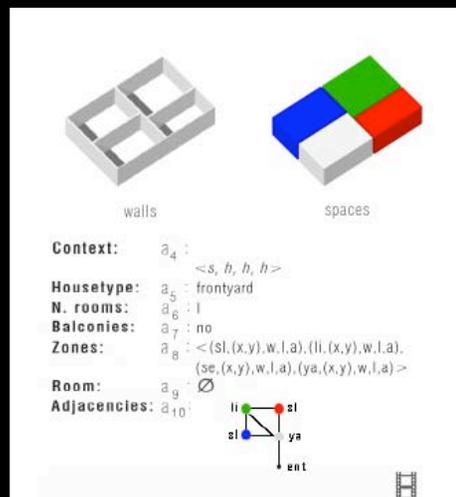
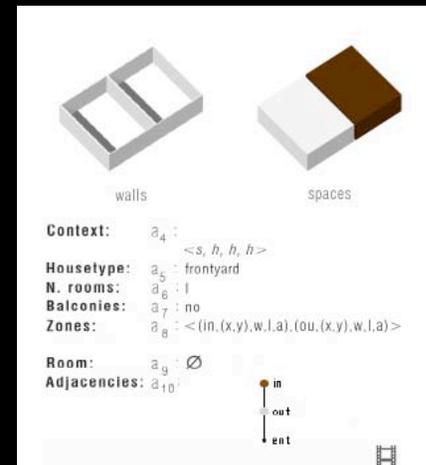
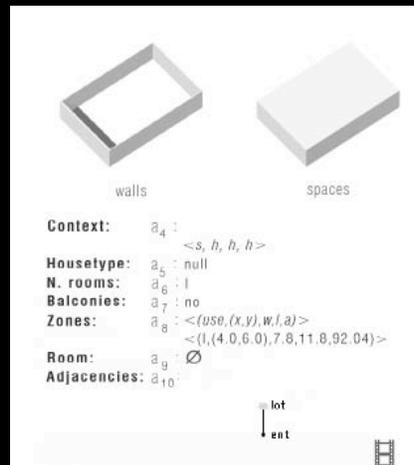
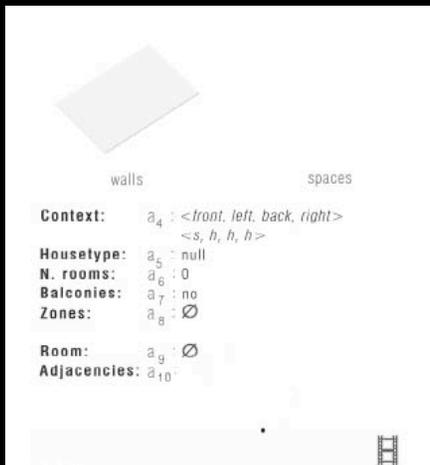
Corpus of Existing Designs - 1977 / 1997

Malagueira - Alvaro Siza Vieira

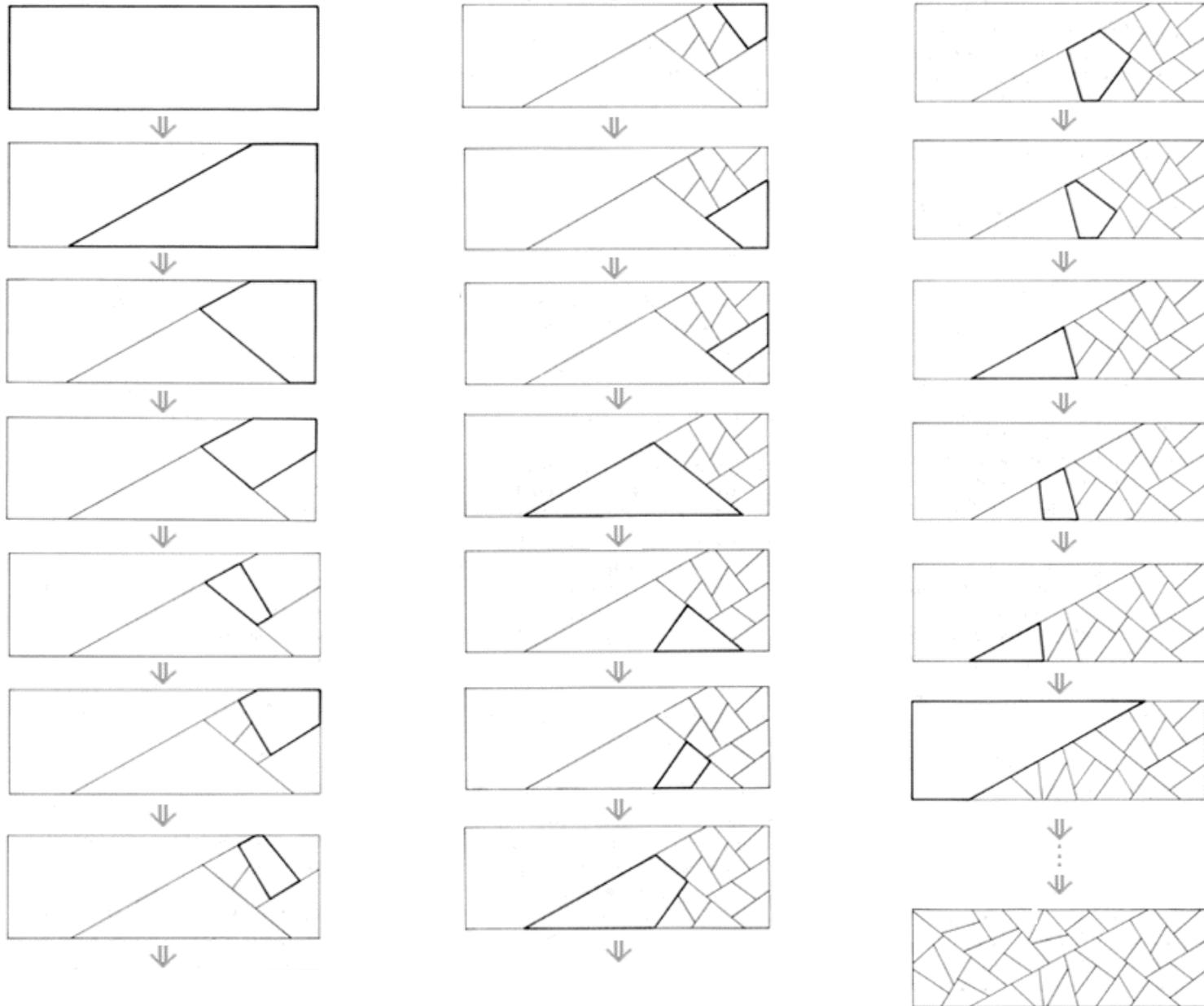
- Corpus
- Introduction
- Designs
- Layouts
- Subtypes
 - Ab
 - Ac
 - Ad
 - Ae
 - Bb
 - Ca
 - Cb
 - Da
 - Db
 - E



Malagueira housing designs of Alvaro Siza (Jose Duarte)

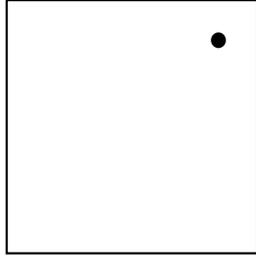


part of a computation
in Siza grammar

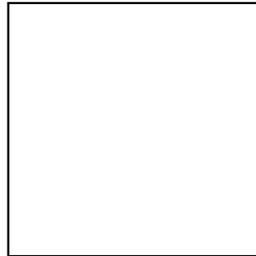
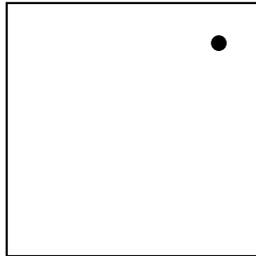
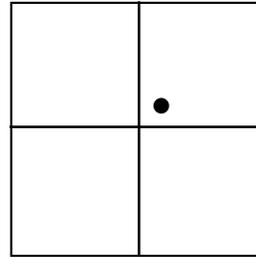
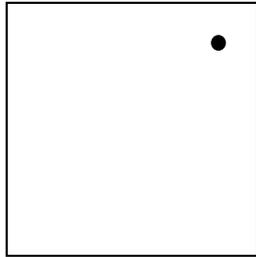


derivation of an ice-ray design

Question 1

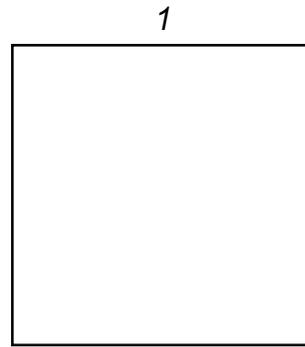


initial shape

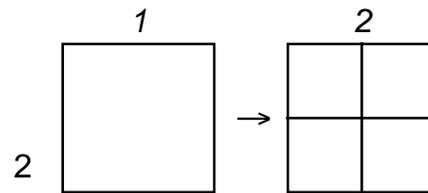
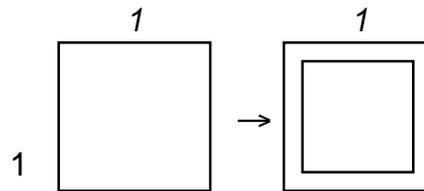


rules

Question 2



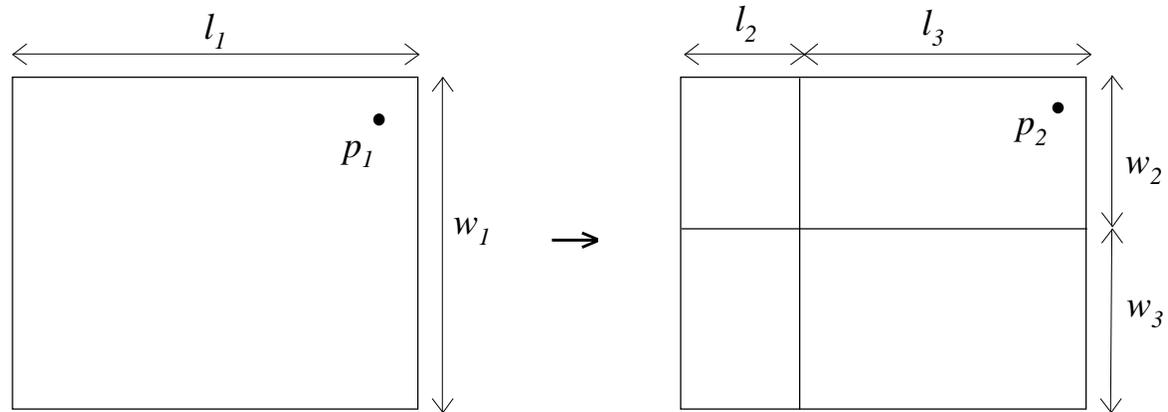
initial shape



rules

final state: 2

Question 3



Conditions on variables:

l_1 and w_1 are the sides of a rectangle

$l_1, l_2, l_3, w_1, w_2, w_3 > 0$

$l_2 + l_3 = l_1$

$w_2 + w_3 = w_1$

point p_1 is at a distance from the vertex defined by l_1 and w_1 which is proportional to l_1 and w_1

point p_2 is at a distance from the vertex defined by l_3 and w_2 which is proportional to l_3 and w_2