L-System string is stored in a matrix with six columns and arbitrary number of rows. Each letter is described by one or more rows.

**Section growth:**

l=[300,N,length,age,roottype,0;

pos;

pgf,ptr;

t0,tend,l0,lend,rlt,dx;

iheading 0 0 0;

successor];

**Delay:**

l=[301,N,t,tend,0,0;

pos;

successor];

**Branching:**

l=[302,N,cbn,nob,0,0; pos; pgf,ptr; rlt,dx,0,heading; times; delays; lateral; next]

**Create root:**

l=[303,N,type,0,0,0; pos];

**Create susccessor:**

l=[304,N,not,0,0,0; pos; probabilites]

**Section growth:**

N ... total number of rows of the letter (including successor)

pos ... [3x6], contains:[[postion[1x3];color[1x3];radius,age,0], local axis[3x3]]

pgf ... parameters for the growth function [1x3]

ptf ... parameters for the tropism function [1x3]

t0 ... local initiation time

tend ... local final time

l0 ... arclength of section start (along the root)

lend ... arclength of sections end (along the root)

% rlt ... root life time

% iheading ... initial heading [1x3]

% successor ... [nx6]

%

% cbn ... current branch number

% nob ... number of branches

% times; delays; lateral; next %