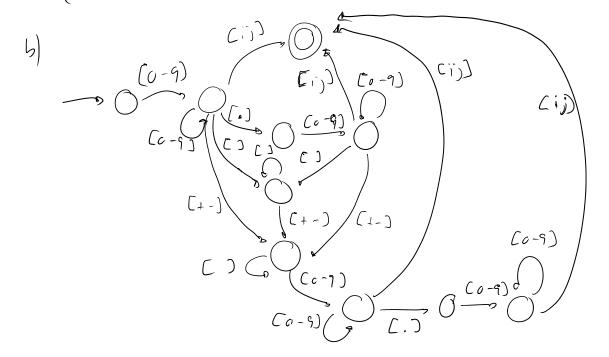
$((\circ -9) + ((-)(\circ -9) +)) ((+(-)(-) + ((-)(-9) +))) ((-)(-9) +)) ((-)(-9) + ((-)(-9) +))) ((-)(-9) +)) ((-)(-9) + ((-)(-9) +))) ((-)(-9) + ((-)(-9) +))) ((-)(-9) +(-9) +)) ((-)(-9) + ((-)(-9) +))) ((-)(-9) + ((-)(-9) +))) ((-)(-9) + ((-)(-9) +))) ((-)(-9) + ((-)(-9) +)) ((-)(-9) + ((-)(-9) +)) ((-)(-9) + ((-)(-9) +)) ((-)(-9) +((-)(-9) +)) ((-)(-9) +((-)(-9) +)) ((-)(-9) +((-)(-9) +)) ((-)(-9) +((-)(-9) +)) ((-)(-9)$



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b) cong -s cmg'; cmg

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lix Exp then cmg end

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lix Exp then cmg else cmp and

lix Exp then cmg ontil Exp

lix := Exp

lix := Exp
```

I write EXP

3) of SEXP - LISTA - '('SEXPS')' - '('SEXP SEXPS')' -> '(' PYOMO SEXPS') | -> '(' i) SEXPS') -- ((;) SEXP JEXPJ) - ((;) LISTA SEXPS)) -- (() { (' SEXP) ') ' SEXPS ') ' - (' ,) '(' SEXP SEXPS ') ' SEXPS ') -1 (' i] '(' NTOMO STEXT)') SEXIS') ~ ((';) (';) SEXP)) JEXPS') ~ '('i) '('i) (bista')' SEXPS')' __ '/' \) '/' \\ (' SEXP) ') ')'SEXPS ')

~ '(' 12 '(' i2 '(' 5ExP')')')5ExP5')' -1 (' 12 '(' 12 '(' DTOMO ')")"SEXPS ') - (';2 '(';2 '(' num') ")'SEXPS') - ((i) ((i) ((mom))))/(5E,XP)) - ((i) '(' i) '(' num ') ")'LISTP ') | ~ ((';) ((';) ((' ~~ '))')((')\xx\y\\)) - ((' 12 '(' nom ')")"(' SEXP ')'')' ~ (' 12 '(' i2 '(' nom ')")"(' DTOMO')')) - (('12'('12'('mm')"('12')')) Arone lista () { Anore res: new Anore ("LISTP"); mes. filho (match ('(')); ros. filho (sexps()); res. filho (match (')')); return ros; Priore atomo()? Avore resther Avore (1' ATOMO");

1 (la == NUM)

```
rus. filh (match (NUM)),
                                                        elens, filh (match (19));
                                       y return res;
                                 Priore Sexp() ?
                                                      Avore res : me cu Avore ("SEXP");
                                                      1f(la== '(')
                                                                    res. fill (lista());
                                                      else res. f. No (ato mo 1));
                                             return m;
C) SEXP é upon prefixo en comum das repres de JEXPS.
                                          SEXPS - SEXP SEXPS'

SEXPS'- O FEXPS

SEXPS'- SEXPS

SEXPS- SEXPS SEXPS

SEXPS- SEXPS

SEXPS

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SEXPS

                                                                                                                                                                             JEXPS - SEXP JEXPS
                                           JEXPS'- JEXPS
                                          SEXPS - SEXP { SEXP3
                                    prone sexys () {
                    Davere res: new priore ("SEX/S"),

ros. fille (sexpsl());

return res;
```

Anone sexps() {

Anone res: new Anone ("JEXP"");

if(la == '(' || la == rum || le == 10) {

res. fills (Jexp(1);

ros. fills (Jexp(1));

3

return res;

3

More reserved ("JEXP)");

None reserved priore ("JEXP)");

None reserved priore ("JEXP)");

None reserved priore ("JEXP)");

While (lass "(" || lass Hom || lass IR) {

none fille (rexp());

ne term res;