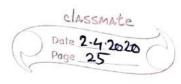


THEOREM : DESTINY

Ye EXP

- 1 e simplifies to a normal form
- 1 the normal form is unique
- 3) the normal form is one of VAL, DIV/O, ATM
- (3) if the category of normal form is a, obab & VAL, DIVO, ATM3

 - then for every intermediate expression
 - - ei in e = e, → e, → ... en,
 - e; e x*



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ROO	-

- O is due to strong termination of ->
- @ is due to @ and confluence of ->
- 3) is due to partitioning theorem of normal forms of ->
- g) is due to the preservation lemma for VAL*, DIV/O*, ATMA

