

21

TLV-BASIC -              

\*       

    TLV

22

ପ୍ରଥମ ସହ ଯେଉଁ ବେଳେ ମୁଁ ଯେଉଁ

TLV-0 ବ୍ୟବସାୟ ବେଳେ ୧୯୯୩

କାର୍ଯ୍ୟ ସମ୍ପର୍କ : ଯେଉଁ ଗ୍ରାହକମାନଙ୍କୁ

କର୍ମ କ୍ଷେତ୍ର

କାର୍ଯ୍ୟ କ୍ଷେତ୍ର କ୍ଷେତ୍ର କ୍ଷେତ୍ର କ୍ଷେତ୍ର

(BASIC କ୍ଷେତ୍ର କ୍ଷେତ୍ର କ୍ଷେତ୍ର କ୍ଷେତ୍ର)

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(23)

1 pro

TLV → word →

Let var := expr;

let var :=

Proc proc-name (par1, ..., parn);  
S  
End

(by-value param passed) →

While (expr)  
S  
End

while loop

IF (expr)  
S<sub>1</sub>  
Else  
S<sub>2</sub>  
End

if

Call proc-name (par1, ..., parn);

call

24

TLV-~~א~~ מוסד

Bdd's → קבץ קבץ של משתמש TLV \* -

TLV-~~א~~ מוסד Bdd-~~א~~ מוסד מזהה \*  
מזהה זה מזהה את המשתמש

הוא מזהה את המשתמש

פ' זהו המזהה 7 (מזהה מזהה)

מזהה מזהה Bdd → מזהה מזהה \*  
מזהה מזהה

מזהה מזהה מזהה מזהה מזהה מזהה

מזהה מזהה מזהה מזהה מזהה

מזהה מזהה מזהה מזהה מזהה

Bdd

מזהה מזהה מזהה מזהה מזהה

atom : מזהה מזהה

||

atom[index]

מזהה מזהה מזהה מזהה מזהה מזהה

מזהה מזהה מזהה מזהה מזהה מזהה

Q3

North West Bank

for Car Loan - 10% - SMS

for Car Loan - 10% - SMS

for Car Loan - 10% - SMS

~~4 1/2~~

for Car Loan - 10% - SMS



total = total - total \* \*

total \* \*

for Car Loan - 10% - SMS

~~for Car Loan - 10% - SMS~~

for Car Loan - 10% - SMS

for Car Loan - 10% - SMS

for Car Loan - 10% - SMS

for Car Loan - 10% - SMS

for Car Loan - 10% - SMS

(20)

for

of

the

of

the

of

of

of

of

ה'א"מ

שפה

(שפה עם 16 סימנים)

א"מ

המבטאים את ה'א"מ באמצעות אותיות

מבטאים

קבוצה

שפה

{val<sub>1</sub>, ..., val<sub>n</sub>}

האותיות

האותיות

האותיות

האותיות

שפה

(שפה עם 16 סימנים)

האותיות

expr in expr2

האותיות ~~האותיות~~ expr של 1/0

expr not in expr2

האותיות

האותיות

expr union expr2

האותיות הן האותיות

האותיות הן האותיות (האותיות הן האותיות)

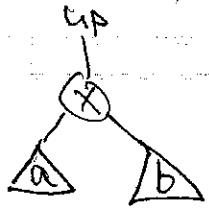
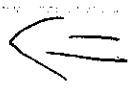
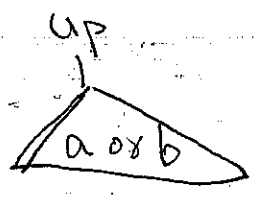
(28)

6 type

→ type of some →

exists for some exists

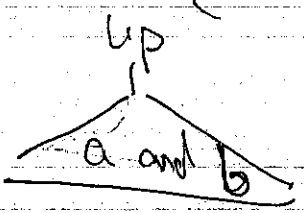
exists if so exists also means if not



exists x ∈ exists

forall

forall with



3:2 type

→ type of some →

exists for some exists



(29)

~~copy~~ 2/10

sat(expr)

for each node in the tree (or) for each node in the tree

fsat(expr)

for each node in the tree (or) for each node in the tree

fsat(expr)  
fsat(expr, set\_expr)

for each node in the tree (or) for each node in the tree  
(for each node in the tree - we can just ignore)

Ande prachin

case

expr - a1 : expr - b1 ;

expr - an : expr - bn ;

esac

~~copy~~ 2/10  
S.M.V ->

30

200

next (expr)  
prime (expr)

next or prime check done

unprime (expr)

next or unprime check done

expr1 &&& expr2

sat (expr1 & expr2) find

unprime

size (expr)

expr to BDD or list

exist (term)

next or term check done

31

suce (trans, state)

✓

f

$$\text{unprime } (\exists V : \text{trans}(V, V') \wedge \text{state}(V))$$

state - n

trans

pred (trans, state)

f

$$\exists V : \text{trans}(V, V') \wedge \text{state}(V')$$

state - f

state - f

\* den

32

step

assign (dvar, pvar, val)

value of dvar is equal to val  
pvar is

Value (expr)

value of expr is

Value (dynamic-var, system-var)

value of dynamic-var is equal to value of system-var

Let variable := expression; (other in exp) code code

Let variable := expression;

Like with expression-f ROBDD -> variable res ->

atom [index] atom -> for variable  
of info start for pd

BT rate il SMV -> expinfo print  
code CS

Print expr, expr, ...;

no more error at bdd for expr etc  
(error for string for expr etc) not able

Load "file-name";

.tlv top pig

34

Exit n;  
Quit;

thru w of 3'

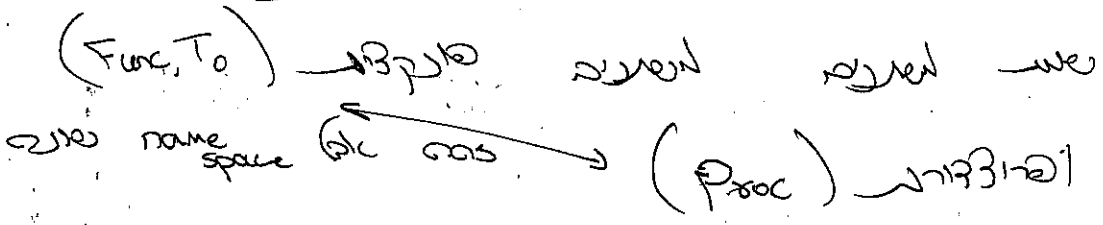
exit n; quit;

chktime, Settime

term: type;

3-2 scope

scope



scope namespace → nos on

if → nos → scope → scope

```

To proc-name [param1, ..., paramN];
.....
End

```

```

Proc: program ([param1, ..., paramN]);
.....
End

```

```

Func func-name ([param1, ..., paramN]);
.....
Return ....
End

```

Return of scope → in func

36

Run proc name / Call proc name

```

Run proc name [ expr1, ... exprn ];
Call proc name ( [expr1, ... exprn] );
proc-name [expr1, ... exprn]

```

Return

```
Return [exprs];
```

Let

Let a := 8

Local

Local

Local

Local

```
Local a := 8
```

Local

Local

Local

Handwritten signature



(37)

Ques

\* How can we pass arguments to a function?

\* ~~How can we pass arguments to a function?~~

proc-name ( )

!!

(You can pass arguments to a function)

~~How can we pass arguments to a function?~~

There are two ways to pass arguments to a function

1. call-by-value

(call-by-value is the most common way)

(call-by-reference is the other way)

38

300 070

While (expr) statement End

IF (expr) statement<sub>1</sub> [Else-st<sub>2</sub>] End

Break;

no word

Continue;

skip

7/10 24-23 57 100 70

IF (k=0)

! :070

End

if we bold for k-1

~~no word~~

0 10 10 1 1 0 1 true

39

if: 0 no file 28 for

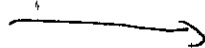
IF (k)

Else

End

code

Urban



with 25  
k - 1/10  
21 21 - 100  
k=0 - 111111

(quote)

ParseTree

28

! 1/10 10

111111 111111 111111

! 1/10 20 - 6 10

no 21 111111

proc;  
funcs;

111111

stats;

ROBBER REORDER 200

PI MR

USN 90 - reorder;

USN 90 - sorder "filename"

USN 90 - lorder "filename"

CA 200

PI MR