



SMV ን ናይ መደብ ህጻን ህጻን ህጻን \*  
 (TLV-0 ናይ ናይ መደብ ናይ መደብ ናይ መደብ)  
 (መደብ ናይ መደብ) ናይ መደብ ናይ መደብ \*  
 TLV ~~0~~ - ናይ መደብ

TLV-BASIC

መደብ ናይ መደብ ናይ መደብ \*  
 መደብ ናይ መደብ ናይ መደብ \*  
 መደብ ናይ መደብ ናይ መደብ \*

count.spl (ክፍል) . መደብ ናይ መደብ ናይ መደብ \*

count.smv (ክፍል) \*  
 % tlv count.smv  
 (መደብ ናይ መደብ) ናይ መደብ

">>" tlv ናይ መደብ ናይ መደብ ናይ መደብ \*

```
>> simulate 100;
```

መደብ ናይ መደብ ናይ መደብ \*  
 መደብ ናይ መደብ ናይ መደብ \*  
 መደብ ናይ መደብ ናይ መደብ \*

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>> show\_all;

code

work

(! work work work) work work

TLV work work work

work work work work work

work work work work work work

junk.smv - 1 junk spl work work

>> Let a := x / y;

tlv work work work work a

Let dynamic\_var := expression;

work work a work work work

work work work work work work

work work work work work work

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expression - ... \*  
expression - ... \*

(for real)

&, ^, |, v, !, ->, <->

expression for ...

! =, <, >, <=, >=, +, -, \*, /

expression to ...

expression ...

Print expr;

string @: ...

>> Print "to print";

to print

>>

ROBDD ... expr ②

ROBDD ... true - ...

23

200

200

200

200

form expr;

expr - 0

(ROBDD ...)

...

ROBDD ...

simulate

...

eval exp, step\_no;

...

>> eval x & y, 1;

...

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→  $\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$

$\text{chk\_inv}$   $\text{cut\_array}$ ,  $\text{expression\_array}$ ,  $n$ ;

→  $\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$   
 $\text{chk\_inv}$   $\text{cut\_array}$ ,  $\text{expression\_array}$ ,  $n$ ;

~~→  $\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$~~

~~$\text{chk\_inv}$   $\text{cut\_array}$ ,  $\text{expression\_array}$ ,  $n$ ;~~

~~→  $\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$~~

~~→  $\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$~~

$\text{start } e;$

( $\text{find}$   $\text{min}$ )  $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$

$\text{chk\_inv}$   $\text{cut\_array}$ ,  $\text{expression\_array}$ ,  $n$ ;

$\text{cont } n;$

$\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$

$\text{step } e;$

$\text{chk\_inv}$   $\text{cut\_array}$ ,  $\text{expression\_array}$ ,  $n$ ;

$\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$

$\text{trunc } n;$

$\text{find}$   $\text{min}$   $\text{cut}$   $\text{array}$   $\text{Floyd}$   $\text{Warshall}$

25

show n;

~~show n; / show n; / show n;~~

מציג את המספר n  
מציג את המספר n  
מציג את המספר n

show-all;

מציג את כל המספרים

last;

מציג את המספר האחרון

(25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50)

Any-symbols

26

from the set we know  
of the

the next of the  
"(") Next of the  
"(") Next of the

of the set we know

of the set we know

setstep n, e;

n is the

e is the

appstep -e;

of the set we know

e is the

setvar n, v, e;

v is the

e is the

setloop n;

n is the

setloop 0;

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41-40  
42-41  
30-29  
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100-99

pile.smv pile.spf the

emptyx.smv emptyx.spf ll

fsimtl ltl (temporal-formula);

at definition of ... is ...  
... of ...  
... (47-43 ...)

...

simtl ltl(e);

... of ...

... of ...

...



valid LTL (temporal-formula);

valid LTL (temporal-formula);

valid LTL (temporal-formula);

valid LTL (temporal-formula);

valid LTL (temporal-formula);

valid LTL (temporal-formula);

(29)

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