

**MathLib0**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> MathLib0		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>MathLib0</b>	<b>1</b>
1.1	MathLib0 . . . . .	1
1.2	TMP:Modula-2/MathLib0.def . . . . .	1

# Chapter 1

## MathLib0

### 1.1 MathLib0

Prozeduren

arctan	cos	exp
ln	sin	sqrt

Konstanten

e	pi
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### 1.2 TMP:Modula-2/MathLib0.def

```
DEFINITION MODULE MathLib0;  
(* $ LargeVars:=FALSE NameChk:=FALSE *)
```

```
CONST e = 2.7182818284;  
      pi = 3.1415926536;
```

```
PROCEDURE sin (x: REAL): REAL;  
PROCEDURE cos (x: REAL): REAL;  
PROCEDURE arctan(x: REAL): REAL;  
PROCEDURE exp (x: REAL): REAL;  
PROCEDURE ln (x: REAL): REAL;  
PROCEDURE sqrt (x: REAL): REAL;
```

```
END MathLib0.
```