TI calculator display

(TI-82 STATS)

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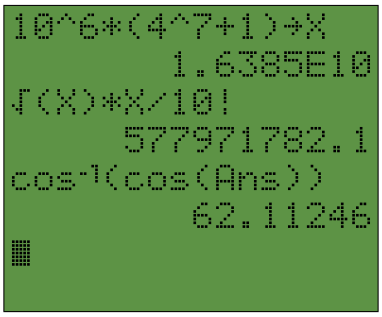


Contents

1 Quickstart **2**

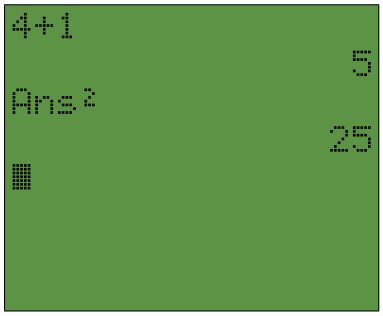
2 Package option(s) **2**

2.1 Color 2

3 LCD size **2**

4 Additional defined characters **3**

1 Quickstart



Source

```
%\usepackage[color]{tiscreen}

\tiscreen
|4+1              |
|                5|
|Ans{sq}          |
|               25|
|{fcur}           |
|                 |
|                 |
|                 |
```

2 Package option(s)

2.1 Color

Using the `color` option will change the colors used by the \LCD command. The colors are defined as `tiscreenfg` (foreground. i.e. font color) and `tiscreenbg` (background). These colors can be redefined like this:

Source

```
% Add this to your preamble
\definecolor{tiscreenbg}{HTML}{5d9345}
\definecolor{tiscreenfg}{HTML}{FFFFFF}
```

3 LCD size

The default LCD size is 8×16 (the size of the TI-82 STATS). It can be changed by redefining the variables used to determine the size of the display or by using the original \LCD command.

Source

```
% First method (For entire document)
\def\tiscreenX{16}
\def\tiscreenY{8}

% Second method (Only once)
\LCD{5}{11}
|ANOTHER  |
|EXAMPLE  |
|WITH A   |
|DIFFERENT|
|SIZE     |
```

4 Additional defined characters

Added characters		
Name	Symbol	\LCD Code
E	E	{sciE}
σ	σ	{sigma}
$\bar{x}$	x̄	{barx}
$\bar{y}$	ȳ	{bary}
x^2	²	{sq}
x^{-1}	⁻¹	{ar}
x_1	₁	{sub1}
x_2	₂	{sub2}
x_3	₃	{sub3}
x_4	₄	{sub4}
x_5	₅	{sub5}
x_6	₆	{sub6}
Redefined characters		
!	!	{!}
$\sqrt{x}$	√	{sqrt}
e	e	e
i	i	i
v	v	v
w	w	w