

News - 2015

new macros and bugfixes for the basic package pstricks

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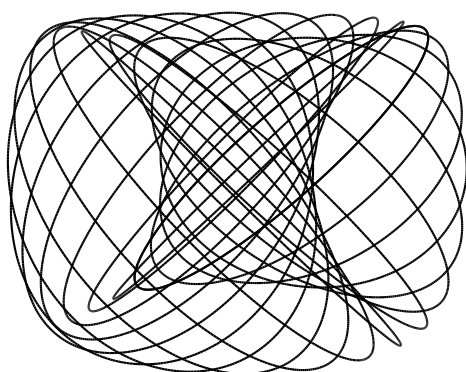
Part I.

pstricks – package

1. pstricks.tex (2.61– 2015/06/28)

1.1. PostScript code

Additionally to the macro `\pstVerb` there are now the keywords `precode` and `postcode` which can be used by other packages to paste PostScript code before and after the macros.



```
\psset{viewpoint=40 35 10 rtp2xyz,Decran=40,lightsrc=viewpoint,unit=0.5}
\begin{pspicture}(-6,-6)(6,6)
\defFunction{cercle1}(t)
{4 t cos mul 2 sub rZ cos mul 4 t sin mul rZ sin mul add} %
{4 t cos mul 2 sub rZ sin mul neg 4 t sin mul rZ cos mul add}%
{4 t sin mul}%
\psforeach{\iA}{0,20,...,360}{%
\psSolid[object=courbe,
precode=/rZ \iA\space def,
r=0,range=0 360,resolution=360,function=cercle1]}
\end{pspicture}
```

References

- [1] Michel Goossens, Frank Mittelbach, Sebastian Rahtz, Denis Roegel, and Herbert Voß. *The L^AT_EX Graphics Companion*. Addison-Wesley Publishing Company, Reading, Mass., 2007.
- [2] Laura E. Jackson and Herbert Voß. Die Plot-Funktionen von pst-plot. *Die T_EXnische Komödie*, 2/02:27–34, June 2002.
- [3] Nikolai G. Kollock. *PostScript richtig eingesetzt: vom Konzept zum praktischen Einsatz*. IWT, Vaterstetten, 1989.
- [4] Herbert Voß. Die mathematischen Funktionen von Postscript. *Die T_EXnische Komödie*, 1/02:40–47, March 2002.
- [5] Herbert Voss. *PSTricks Support for pdf*. <http://PSTricks.tug.org/main.cgi?file=pdf/pdfoutput>, 2002.
- [6] Herbert Voß. *L^AT_EX Referenz*. DANTE – lehmanns media, Heidelberg/Hamburg, 2. edition, 2010.
- [7] Herbert Voß. *PSTricks – Grafik für T_EX und L^AT_EX*. DANTE – Lehmanns Media, Heidelberg/Hamburg, 6. edition, 2010.
- [8] Herbert Voß. *L^AT_EX Quick Reference*. UIT, Cambridge/UK, 1. edition, 2011.
- [9] Herbert Voß. *PSTricks – Graphics for L^AT_EX*. UIT, Cambridge/UK, 1. edition, 2011.
- [10] Michael Wiedmann and Peter Karp. *References for T_EX and Friends*. <http://www.miwie.org/tex-refs/>, 2003.

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