PSTricks

pst-dart
Plotting a Dart ; v.0.03

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1 Syntax of \texttt{\texttt{psDart}}

\begin{pspicture}[showgrid](-3,-3)(9,3)
\psDartBoard
[Options] (x_0, y_0)
\end{pspicture}

2 Examples

2.1 The default size

\begin{pspicture}[showgrid](-3,-3)(9,3)
\psDartBoard % The default Dartboard (radius=2.1cm)
\psDartBoard[options]{radius=2.1cm}
\end{pspicture}

2.2 Scaling

\begin{pspicture}[showgrid](-5,-5)(5,5)
\psDartBoard[unit=2]
\end{pspicture}
\begin{pspicture}\[showgrid\](-5,-5)(5,5)
\psDartBoard[fontsize=15pt,unit=2]
\end{pspicture}

2.3 Space
\psDartBoard itself uses internally already an environment \texttt{pspicture} which reserves the space. But an internal \texttt{rput} command places the dartboard without specifying coordinates at the origin which is the reason why one has to reserve space with an additional environment \texttt{pspicture} as can be seen in the above examples.

3 Darts
\begin{pspicture}[showgrid](0,-1)(\linewidth,8)
\psDart(4,2)
\end{pspicture}
4 Board and Darts

5 Changing the viewpoint

You can change the viewpoint with the optional argument viewpoint which expects three space separated values for $x\ y\ z$, where at least one value must be unless 0.
6 List of all optional arguments for \texttt{pst-dart}

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