

The `harveyballs` Package

Sascha Roth
Technische Universität München
sascha.roth@mytum.de

October 22, 2013

Abstract

This document exemplifies the `harveyballs` package for $\text{\LaTeX} 2_{\epsilon}$ in a nutshell. Harvey balls can be used in arbitrary contexts such as to present survey results in a visual manner or express parameter values of certain characteristics. They provide a visual means to easily compare these values best facilitated by the sophisticated pattern recognition techniques of build in visual human cognition by mother nature.

1 Package Dependencies

The `harveyballs` package requires the `tikz` package.

2 Examples

2.1 In text

This is a normal text with Harvey Balls included. Here is a value commonly indicating a property is not fulfilled \circ . For partially fulfilled properties you could use a Harvey Ball filled by a quarter, e.g. \ominus . If it is half fulfilled, you could use \bullet . Almost fulfilled properties could be illustrated with \ominus . Finally, if a certain property is fulfilled entirely you should use \bullet .

2.2 In table

Harvey Balls can also be integrated in tables (cf. Table 1).

| | Approach 1 | Approach 2 | Approach 3 |
|------------|------------|------------|------------|
| Property 1 | \circ | \ominus | \bullet |
| Property 2 | \bullet | \ominus | \bullet |
| Property 3 | \bullet | \ominus | \bullet |

Table 1: Example for a table including Harvey Balls

2.3 Custom size

You can also use custom sized Harvey Balls:

| Command | Produced Harvey Ball |
|--|--|
| <code>\harveyBallNone[14pt]</code> |  |
| <code>\harveyBallQuarter[14pt]</code> |  |
| <code>\harveyBallHalf[14pt]</code> |  |
| <code>\harveyBallThreeQuarter[14pt]</code> |  |
| <code>\harveyBallFull[14pt]</code> |  |

Table 2: Example for custom-sized Harvey Balls

3 License

Harvey Balls for LaTeX

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