Contents

1   Introduction

Before using this package, make sure, that you have this settings:

settings.outformat = "pdf";
settings.render = 0;
settings.prc = false;

and specified size of picture by **size3**.

1.1   Objects types list

The package *geometry3d.asy* is the extension of the module *geometry.asy*. Basically, this package provides you a tools to creare a really nice 3D pictures in solid geometry.

Here is all types, defined in this module

ray3– a 3D ray
vector3– a 3D vector
line3– a 3D line
plane3– a plane
sphere3– a sphere

2   The type "line3"

void drawline(picture pic=currentpicture, pair P, pair Q, pen p=currentpen);
draw the visible portion of the (infinite) line going through P and Q, without altering the size of picture pic, using pen p.