AcroTEX.Net

GraphicxSP
Graphicx versus GraphicxSP

D. P. Story
1. Introduction

We make direct visual comparisons between the results obtained from the graphicx package versus the graphicxsp package. In the sections that follow, graphicx image always appears on the left, and the graphicxsp image appears on the right.

2. The width/height/scale options

width = 1.5in
The width/height/scale options

height = 1in

scale = .5

To my eyes, the graphicx images on the left seem blurrier than the graphicxsp image and don’t magnify as well.
3. Comparing $bb$

$bb=30 \ 50 \ 150 \ 100$

$bb=30 \ 50 \ 150 \ 100, \text{clip}$
4. trim

To my eyes, the graphicx images on the left seems blurrier than the graphicxsp image.
5. viewport

viewport=20 20 60 75

viewport=20 20 60 75,clip
6. keepaspectratio

width = 1.5in, height=1in

width = 1.5in, height=1in, keepaspectratio
7. rotations

AdobeDon

angle=-45, origin=c

AdobeDon

angle=-45, origin=rt
8. rotations and bb/trim/viewport

angle=45, bb=30 50 150 100, clip

angle=45, trim=20 20 30 15, clip

angle=45, viewport=20 20 60 75, clip