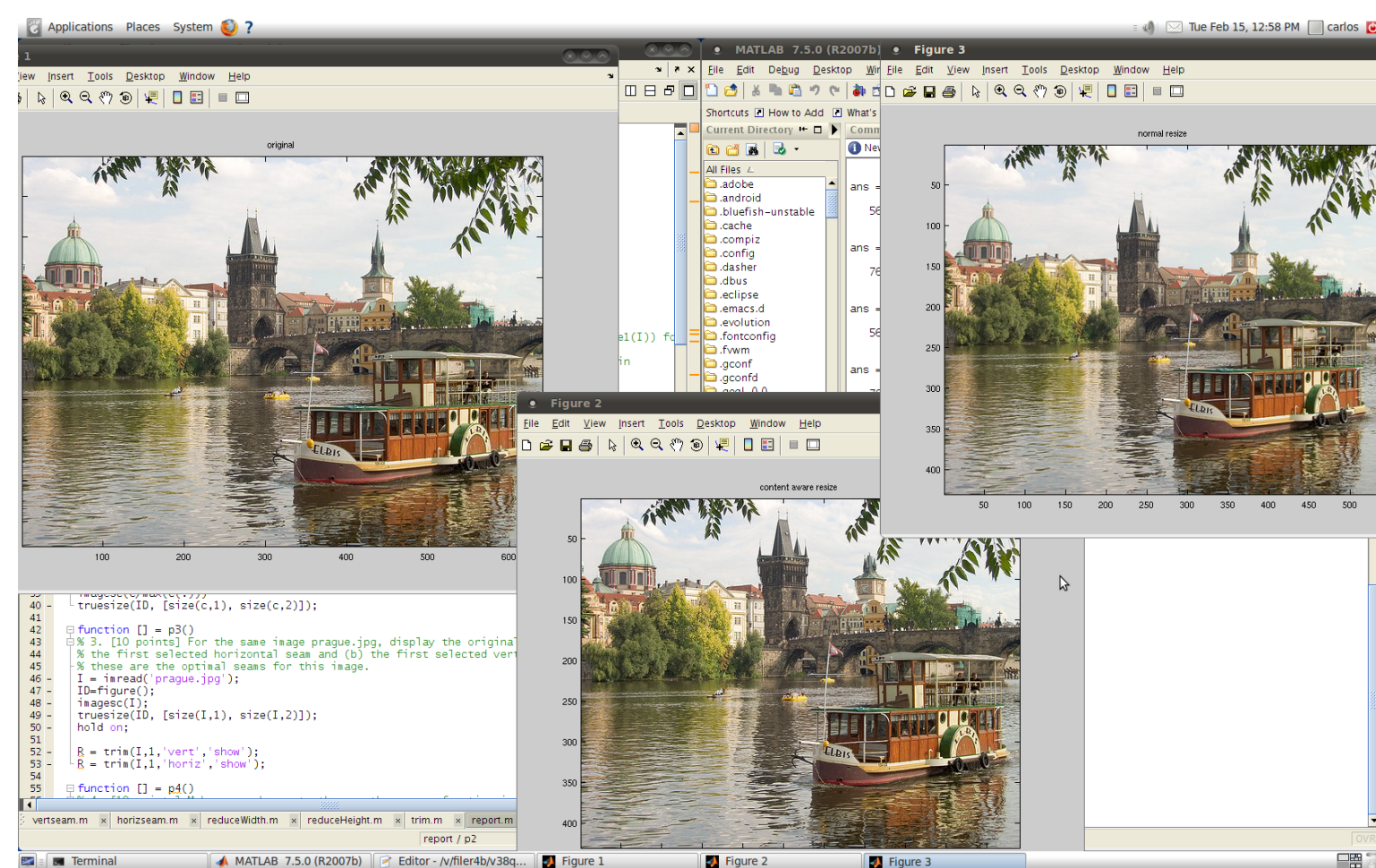


cs376 - pset1 - part2

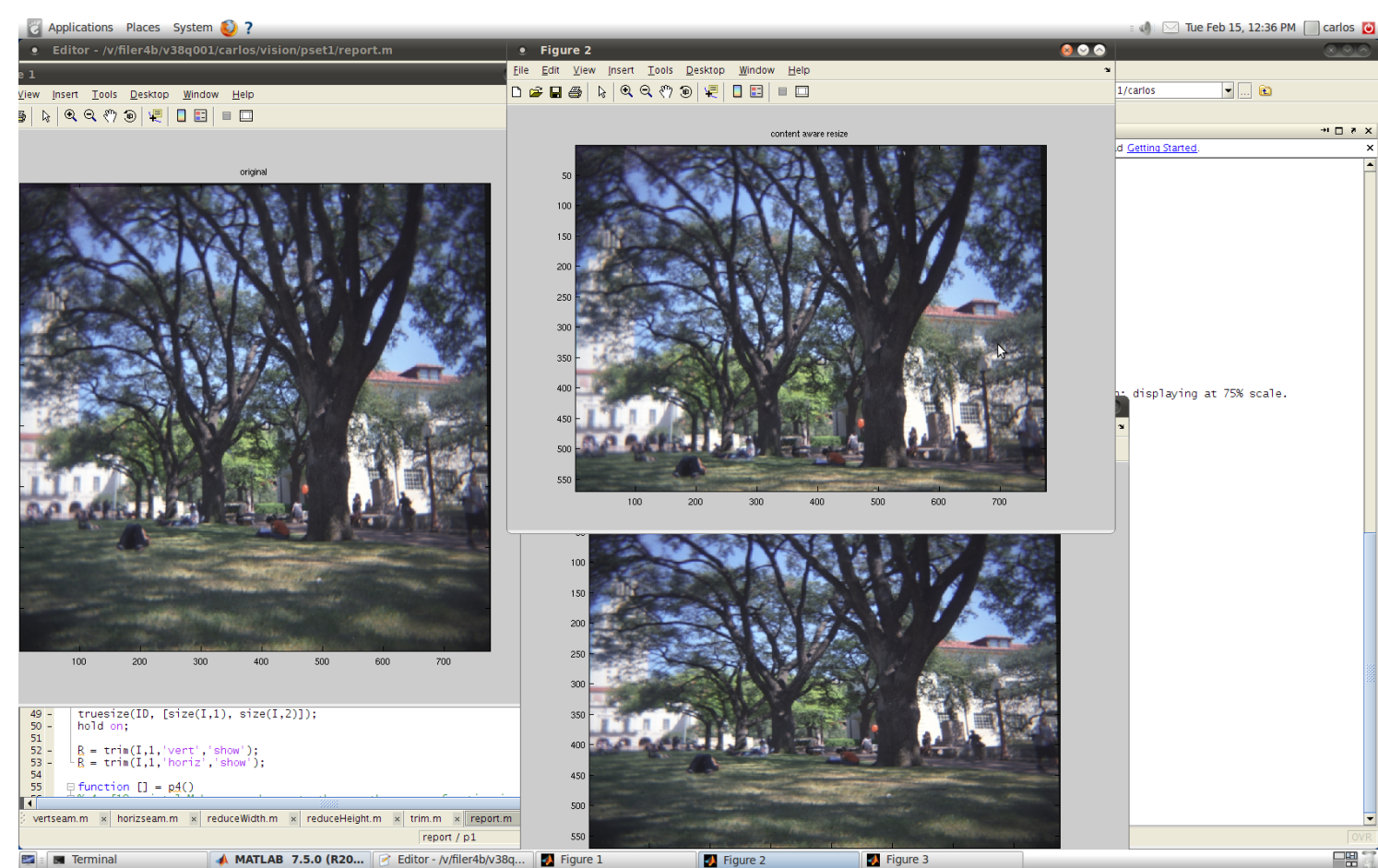
Carlos Correa



640 by 480
to
540 by 430
reduceH(50)
reduceW(100)

The content aware removes horizontal seams from the sky and vertical seams from the edges of buildings (see tower in center of picture and buildings to right of it) and reflections in the water.

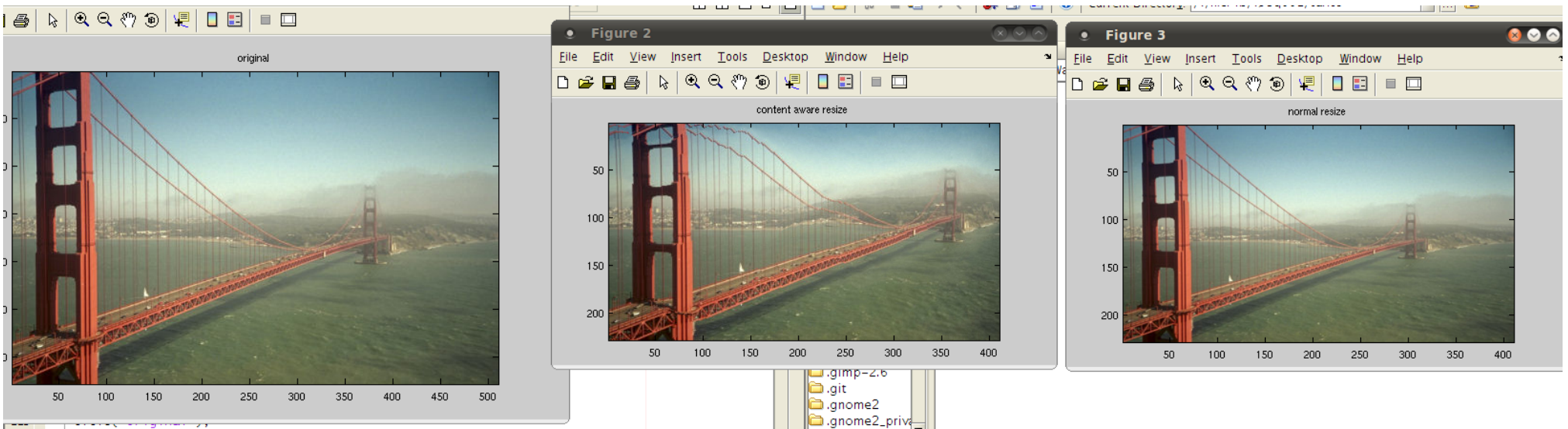
prague.jpg



775 by 769
to
775 by 569
reduceH(200)

The content aware resize (upper right) removes a lot of the lawn, and cuts little from the trees, so that they are similar to those in the original picture. The simple resampling results in stubby trees.

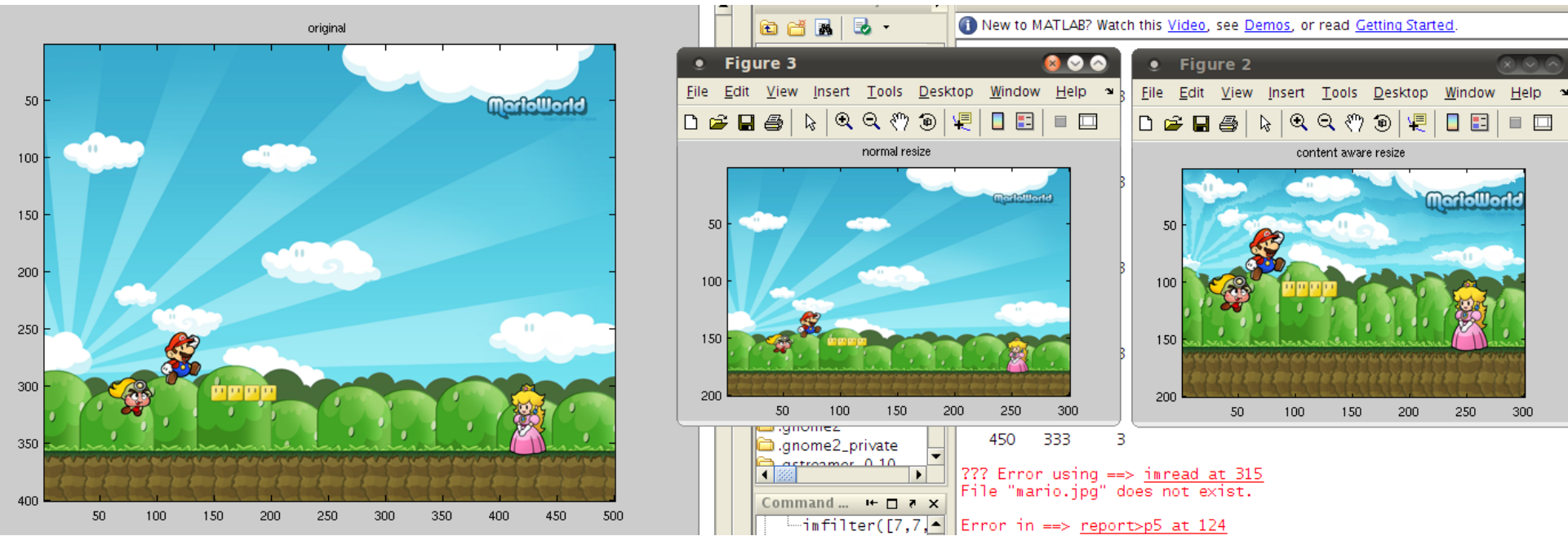
mall.jpg



The horizontal resizing doesn't play well with the diagonal wires on the bridge. Most of the bay's shore resized well (in particular, the right side of the image). The content-aware resizing also managed to keep the right suspender nearly unchanged.

510 by 328
to
410 by 228
reduceH(100)
reduceW(100)

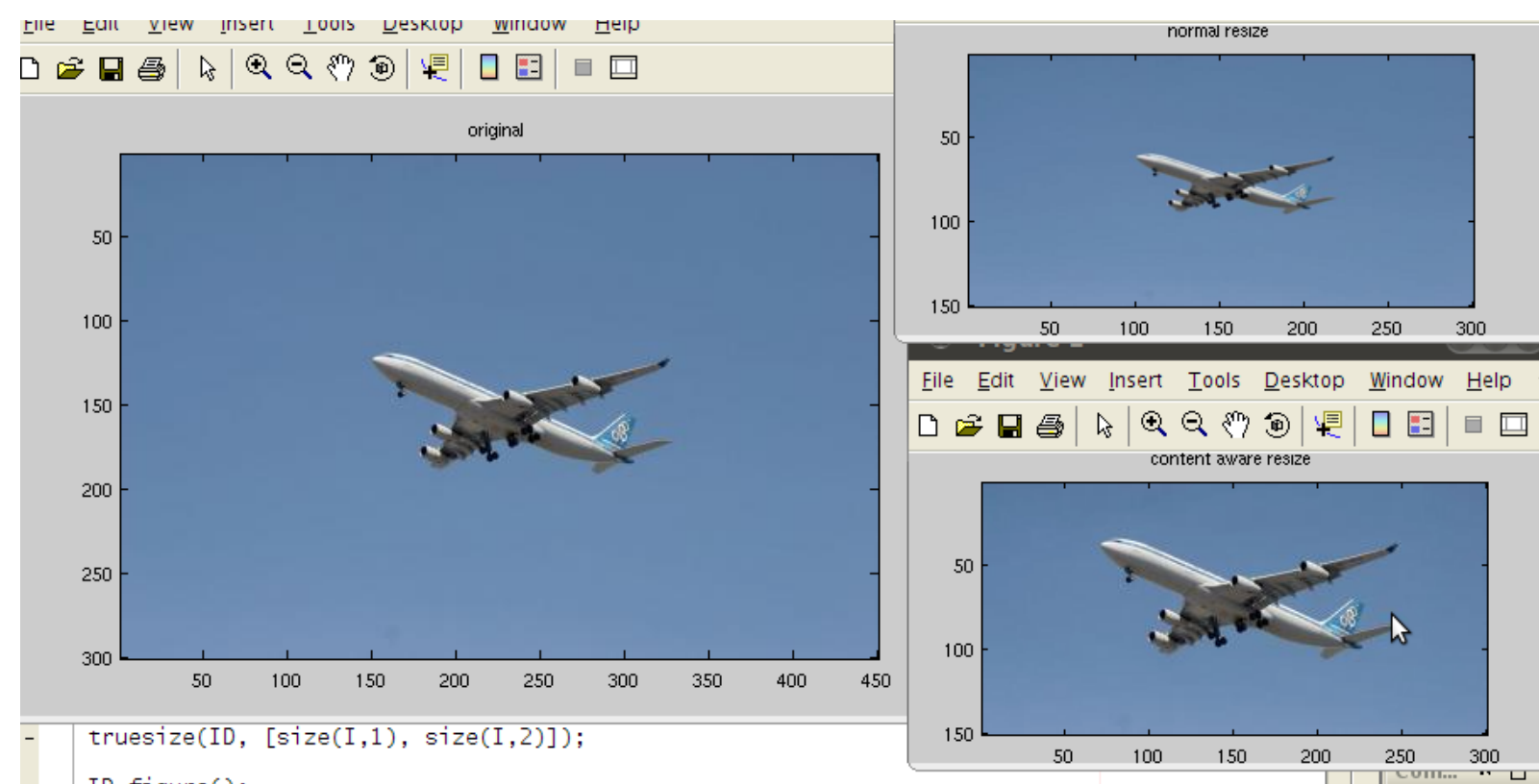
gate.jpg



Just like gate.jpg, the diagonal lines aren't handled well. The characters are all preserved and seem to have been largely unaffected. The hills in the background have slivers cut out of them, but (ideally) we'd just cut a hill at a time out, since they are all similar enough.

500 by 400
to
300 by 200
reduceH(200)
reduceW(200)

mario.png



450 by 300
to
300 by 150
reduceH(150)
reduceW(150)

This image does what we'd expect. The simple resampling distorts the picture of the airplane, but the content aware resize cuts out the parts of the picture with little change (the sky).

plane.jpg

Credits

plane - <http://www.freephotobank.com/9572.html>

mario - <http://chromestory.com/2010/04/how-to-give-your-new-tab-page-a-rocking-new-look/> (This page looks fishy, but this is what google says.)

golden gate bridge - <http://www.sftravel.com/goldengatebridge.html>