Alright, already found the solution:

I just submitted a in image [x,y,3] to XROI, then I did get my regions
[x,y] back :-) Super!

And when I submitted an image [x,3,y] to XROI, it returned the regions
with [x,3].

So for anyone wishing to use XROI on true-color-images: call XROI on an
image that's formatted [x,y,3].

Wolf Schweitzer wrote:

> Using XROI on any 2d-image such as image[x,y], my regions will be
> dimensioned [x,y]; however, using it on any 3d-image such as image
> [3,x,y], I find the regions that are returned are dimensioned [3,x],
> rather than [x,y].
>
> What keyword am I missing?
>
> Thank you very much.
>
>
> Wolf Schweitzer.