Subject: Re: costum stretch an image
Posted by M. Katz on Mon, 30 Nov 2009 21:22:10 GMT
View Forum Message <> Reply to Message

I don't know if the gaps in your almost-piecewise continuous mapping
were intentional, but you could try interpolation. As follows...

```
v = [-12, 0, 36, 48]  ;--- output values
x = [0., 36., 72, 76.021912]  ;--- input values
xout = (your input array)

output = interpol( v, x, xout )
```

and to make it all integers in the end, use either floor() or round(),
as you prefer.

```
output = floor(interpol( v, x, xout ))
```

This method also preserves the dimensions of xout in the output array.
It should be very fast.

-M.