

A simple way to learn the cross-eyed stereo view

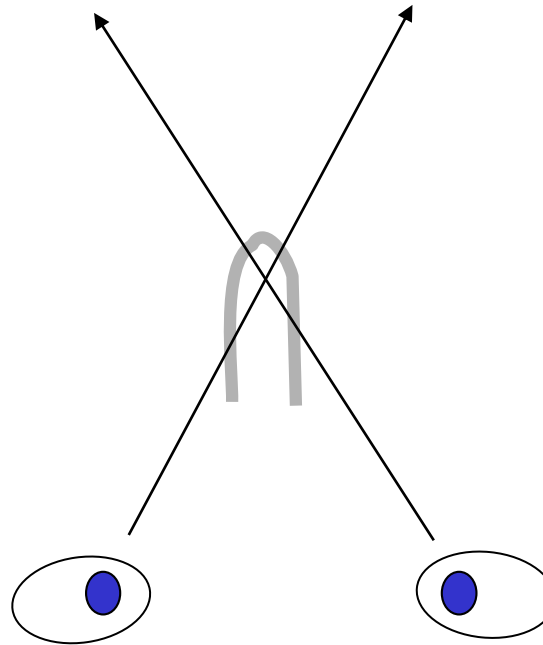


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- Our natural view is convergent.
- Therefore the cross-eyed view is the best way to look at stereo images.
- However, it's not that easy to learn...

Cross-eyed view with help of a thumb

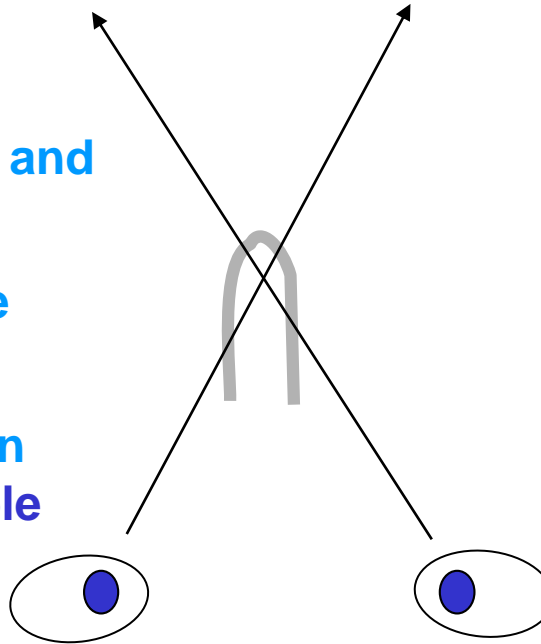


Cross-eyed view with help of a thumb



Steps:

- Hold your thumb close to the screen in the middle of the left and right images.
- Move thumb towards your face while focussing it.
- Then set the focus to the one in the middle of the three (!) visible images, without changing the viewing direction...

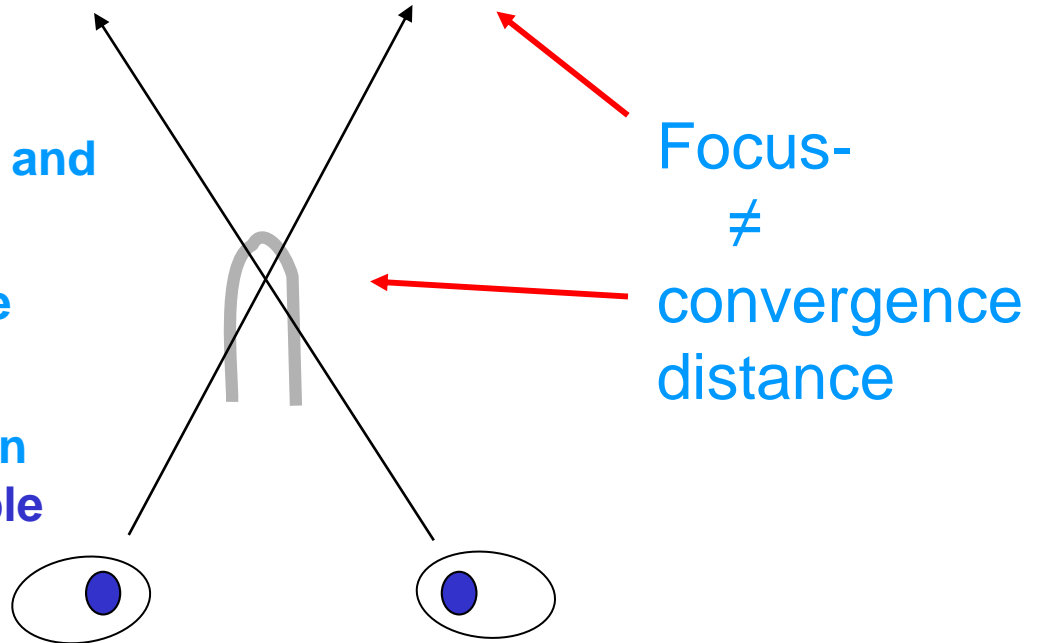


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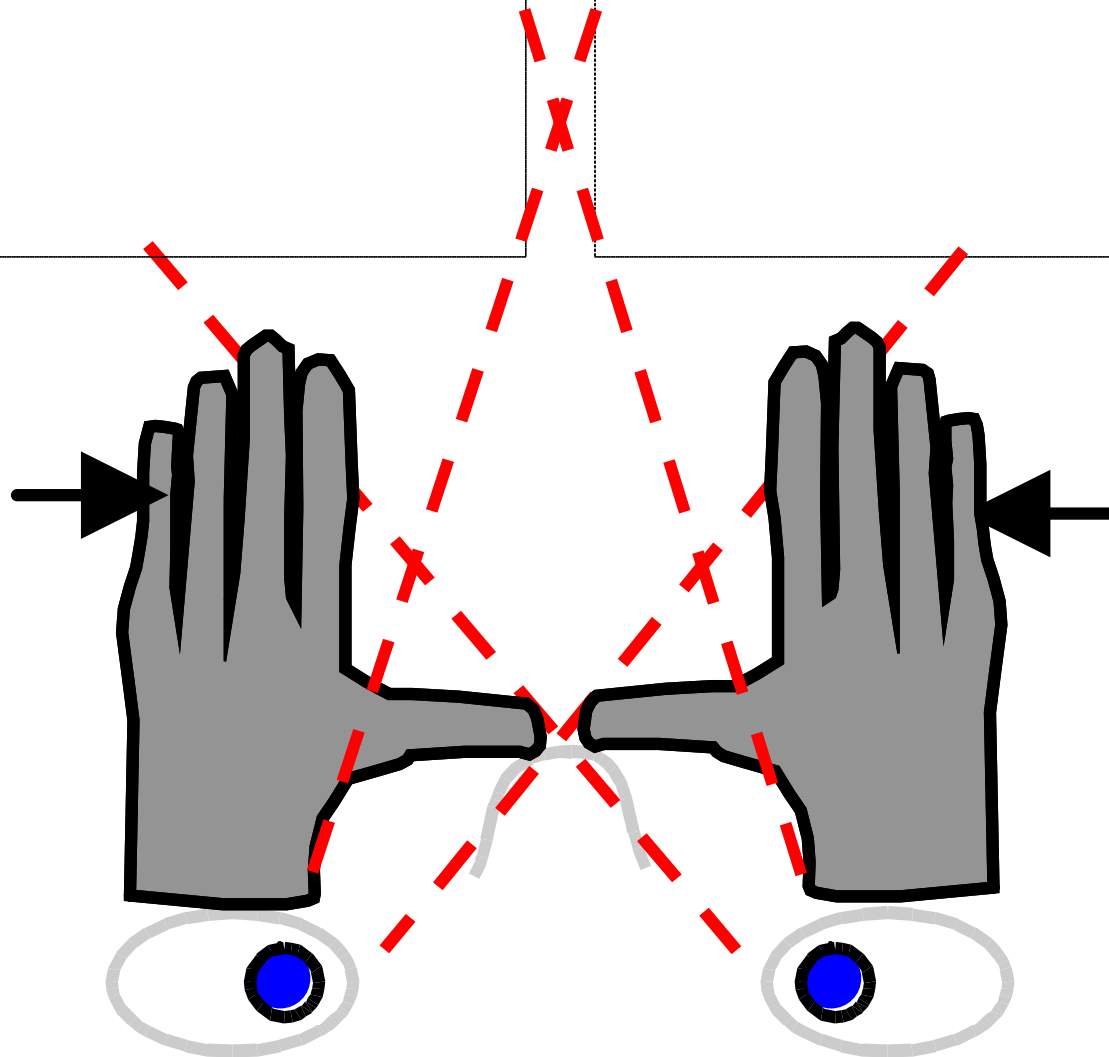


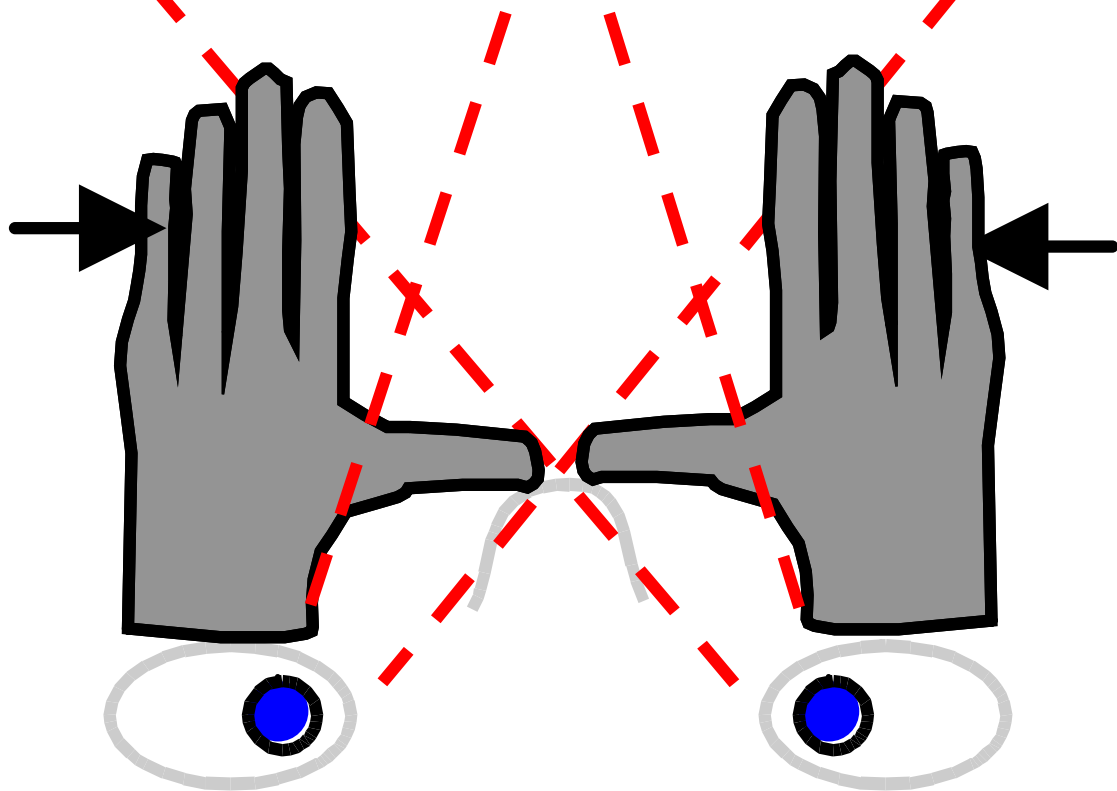
Issues:

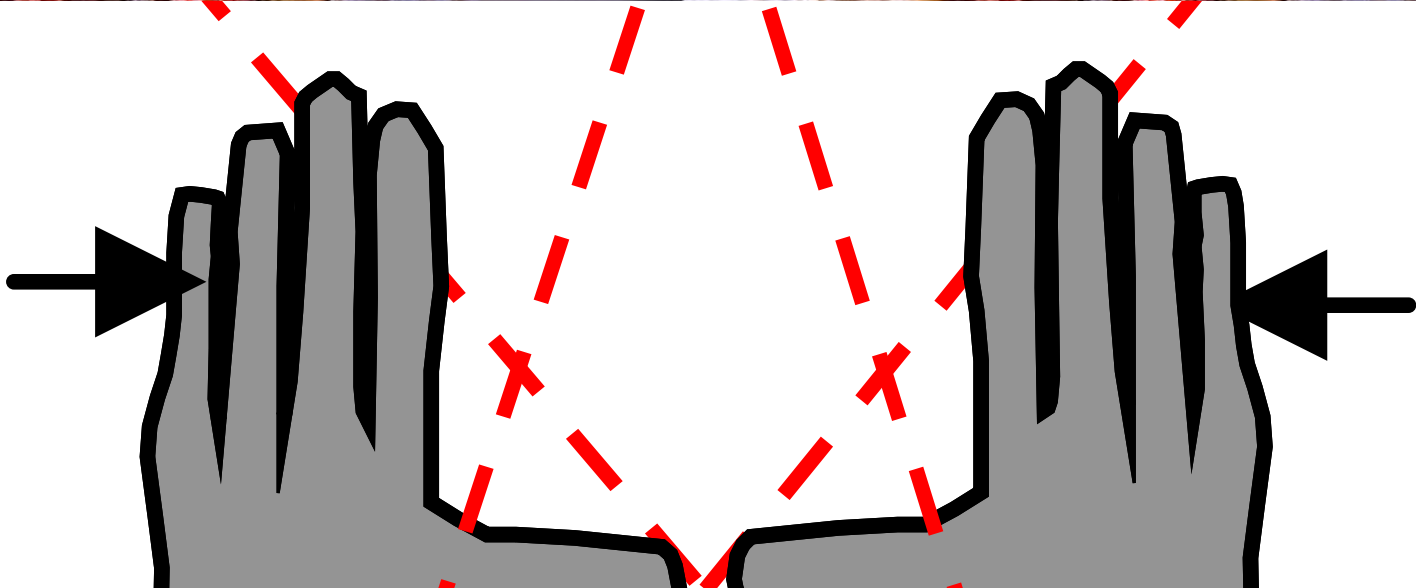
- The 'thumb method' forces viewing angle and focus into different distances.
- Each eye sees that there are two images side-by-side...
- In best case, we see three images side-by-side, and that in the middle in stereo.
- Technical 3D-viewers present only one image to each of our eyes. Our brain then easily overlays these and let's us see only one stereo image. However, the image size is limited.

How can we get
– without use of technical devices –
a stereo image without size limitation?

Cross-eyed view with manual covering!











Advantages:

- Each eye sees only one image.
- Easy overlay to get a stereo impression, no object in the foreground.
- Display possible on big screens.

Once you have learned the cross-eyed view, you'll not need the manual help any more. You'll be focussed on the stereo image in the middle and not notice the other ones any more 😊

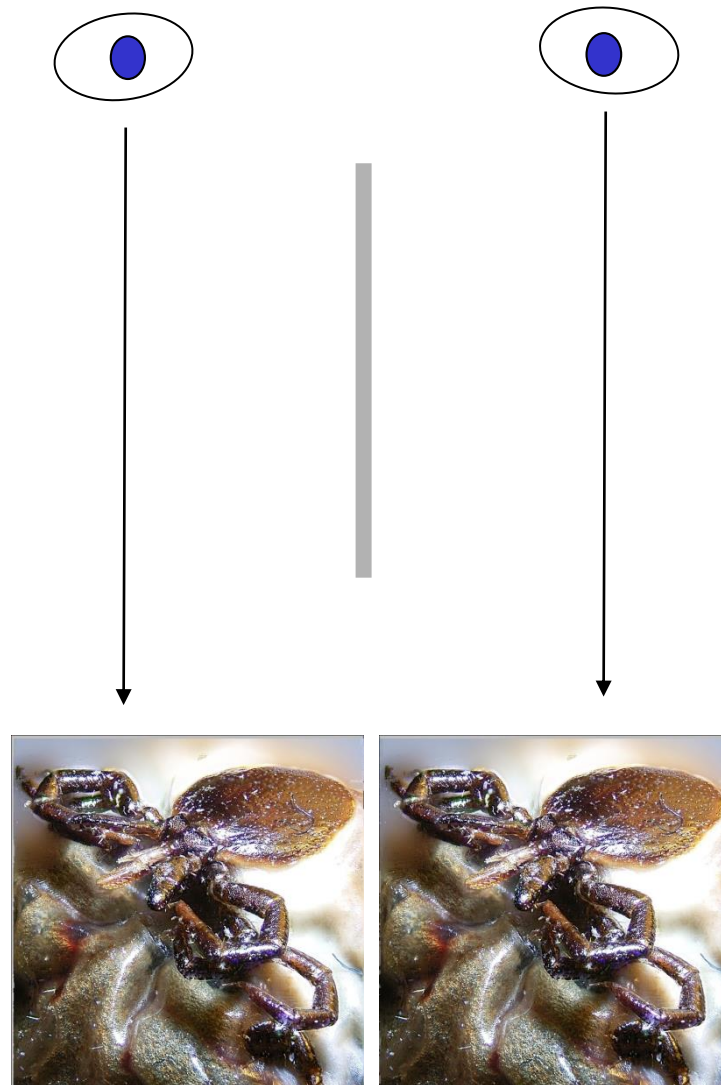
Parallel view



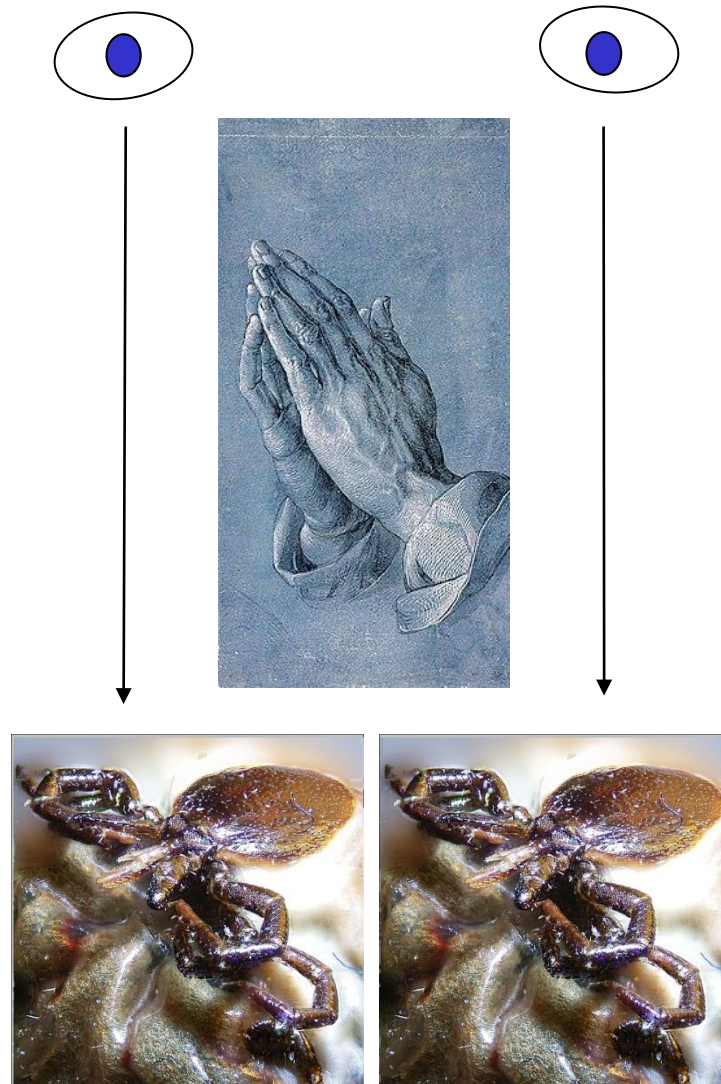
**With ‘praying hands ‘ in front of your nose you
can get manual support as well for looking at
stereo images for parallel eyes.**

Parallel view

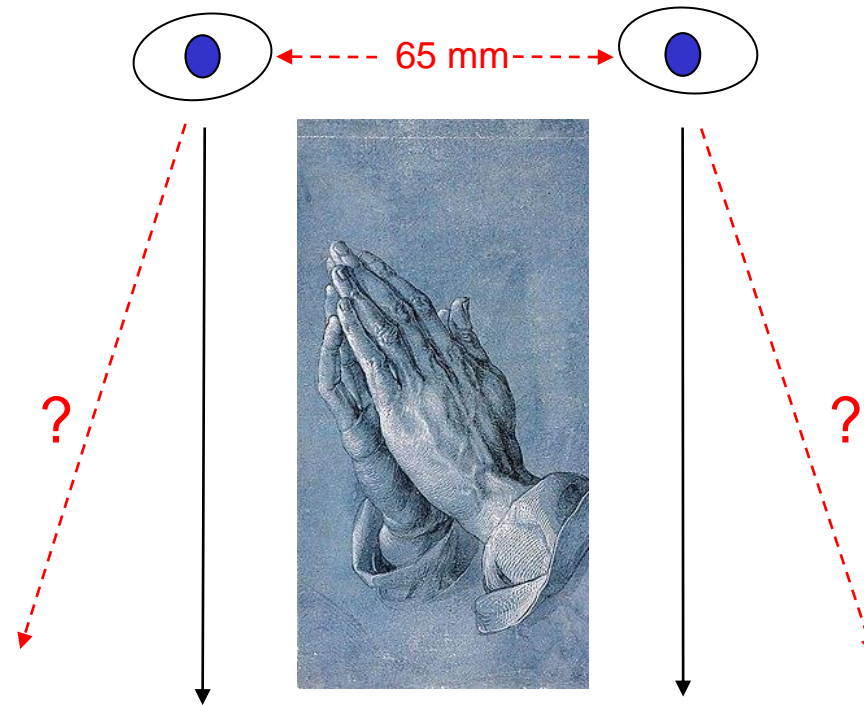
A piece of cardboard
is often too thin for
separating the fields
of view...



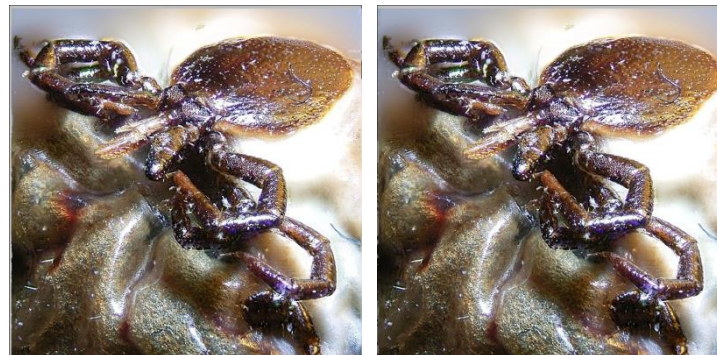
Parallel view with 'praying hands'



Parallel view with 'praying hands'



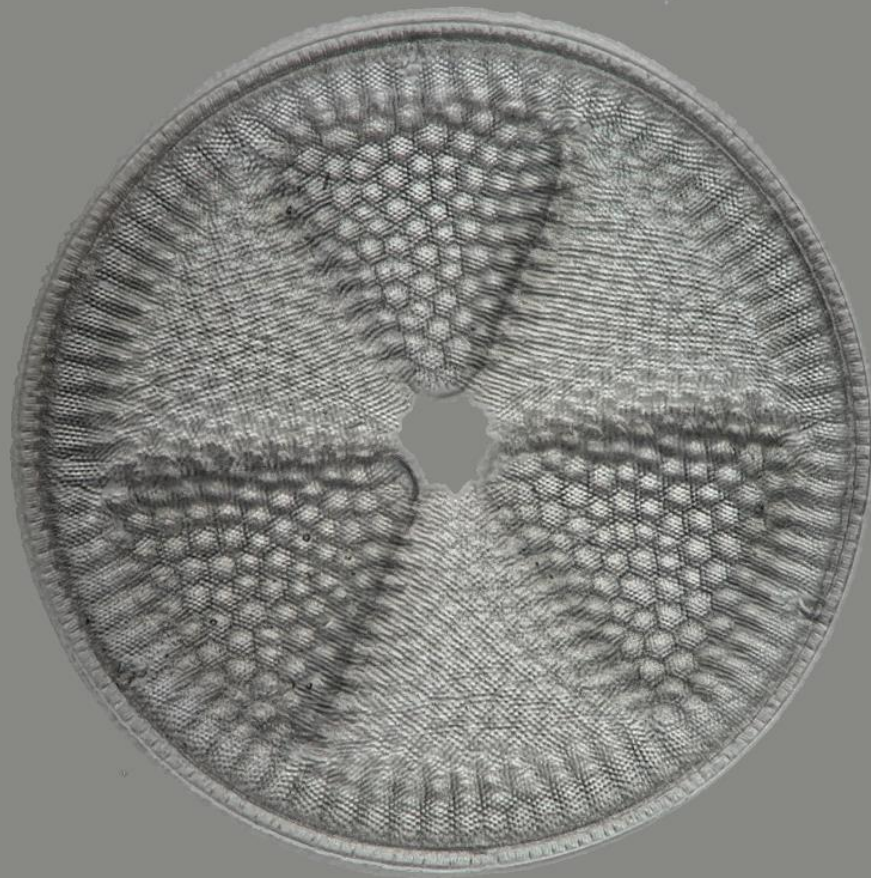
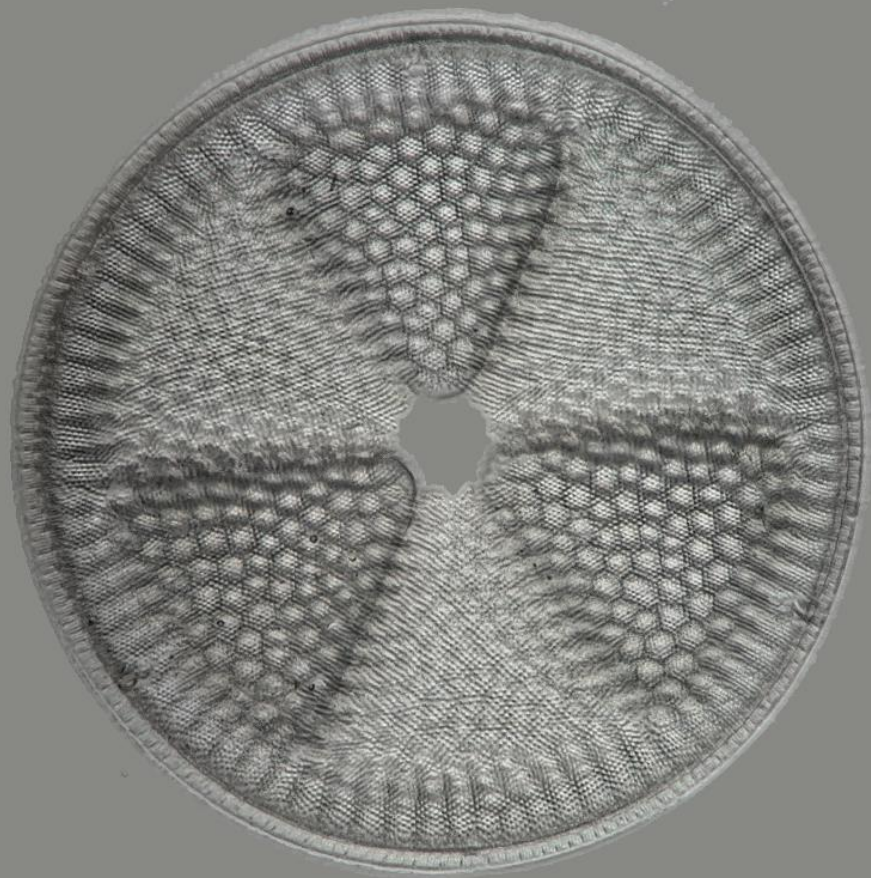
The **divergent view** required for **large images** is **difficult** and **unpleasant**.

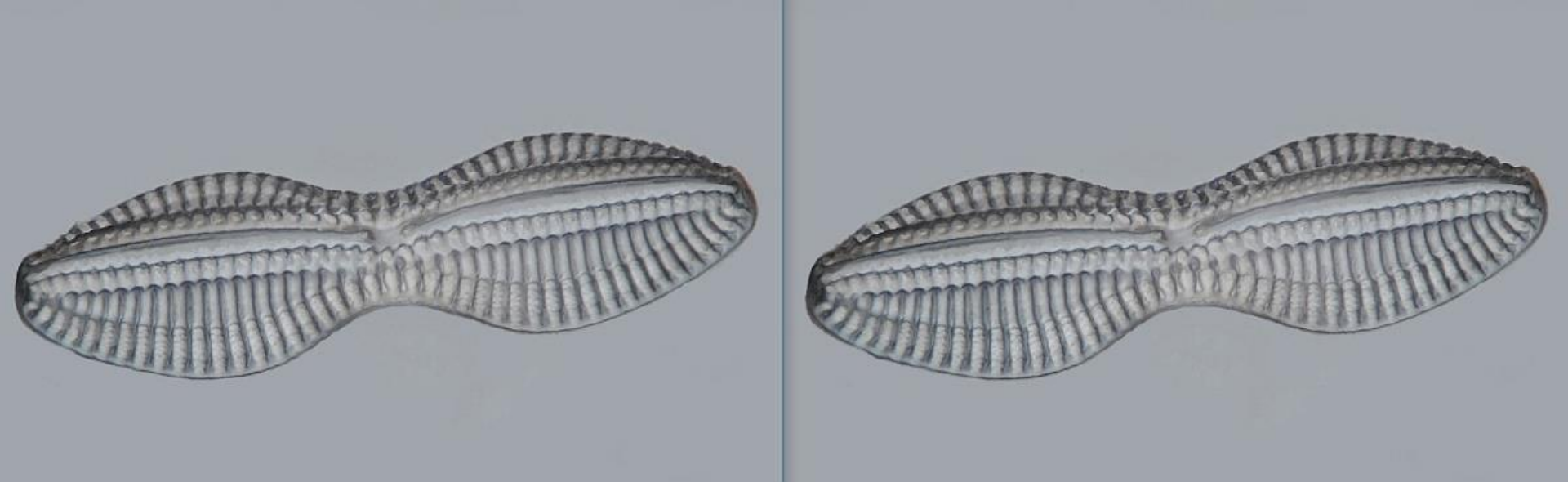


**Examples of images for
cross-eyed view from**



picolay.de/galleries.htm





Präparat Anne Gleich



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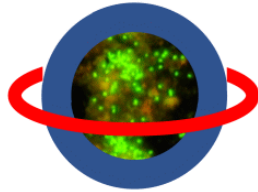




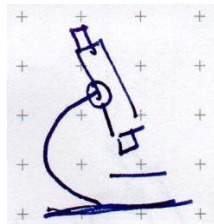
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