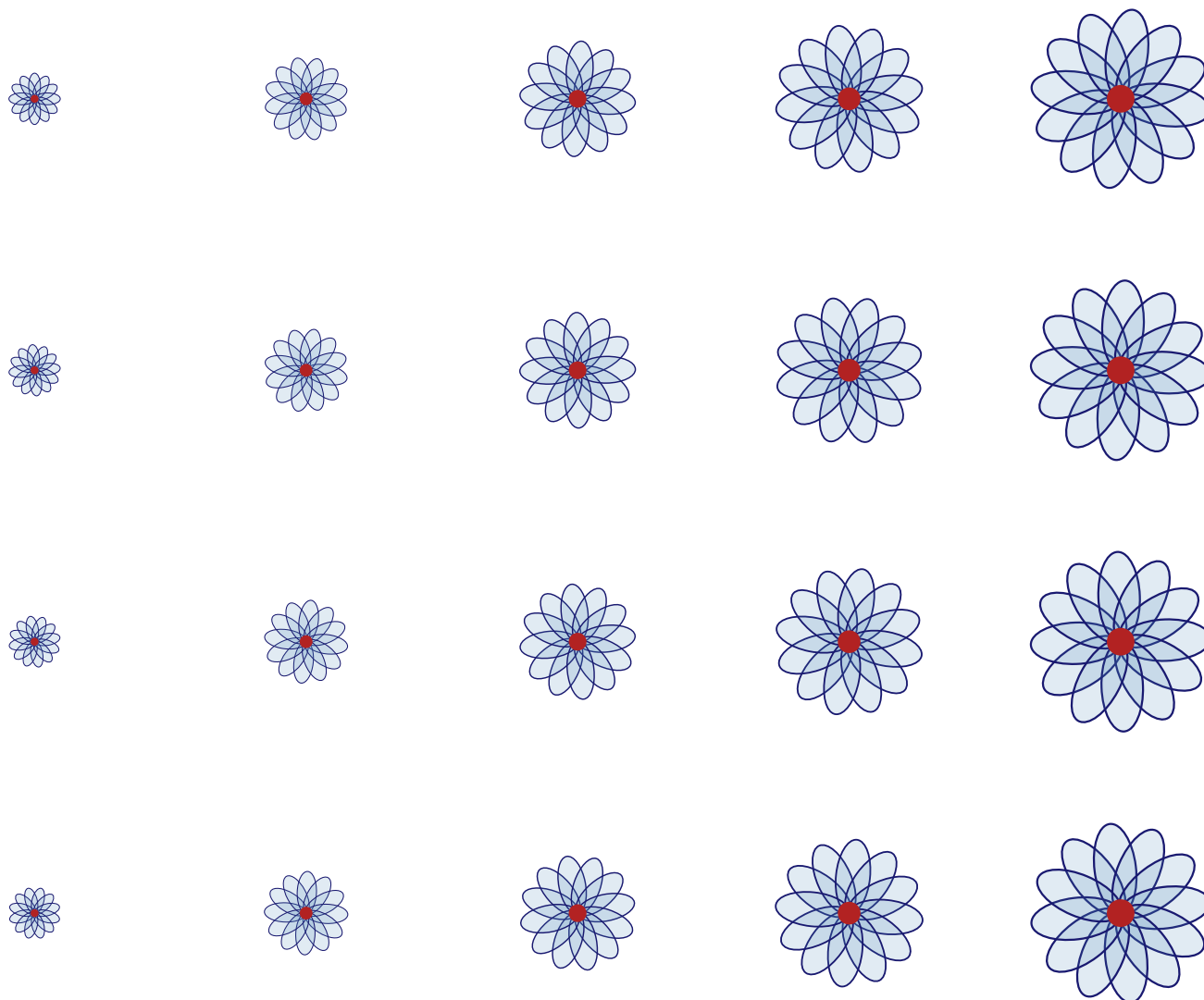


A form drawn once

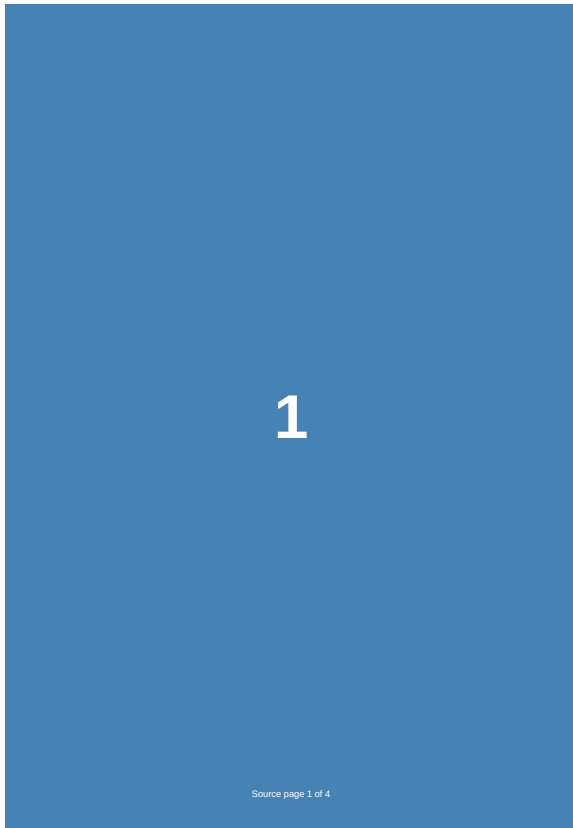
An XForm is a piece of content stored in the document once and referred to wherever it is placed. The rosette below is defined a single time and drawn twenty times at different sizes and angles; the file carries one copy of it however many times it appears. Draw into it through XGraphics.FromForm, then place it with DrawImage - an XForm is an XImage, which is why the drawing call is the one for images.



Twenty placements, one definition. Drawing the same twenty rosettes straight onto a page instead - the same picture, no form - takes 18,260 bytes for that page alone, because each of the two hundred and forty petals is written into the content stream where it is drawn. The same trick is what a page number, a rule, a logo or a repeating background should be built from: content put into the file once costs once, content drawn onto every page costs every time.

Watermarks

The same mark drawn before the content and after it. Under the content it is a tint the page sits on and anything opaque hides it; over the content it is visible everywhere and has to be translucent not to bury what it marks. Neither is more correct - a draft stamp wants to be over, a background tint wants to be under.



Drawn under the page - hidden by it



Drawn over the page, at 45% alpha

Two up

Source pages 1 and 2, each drawn at half width onto one landscape sheet. Nothing was copied as a page: the sheet's content stream refers to two form XObjects.

1

Source page 1 of 4

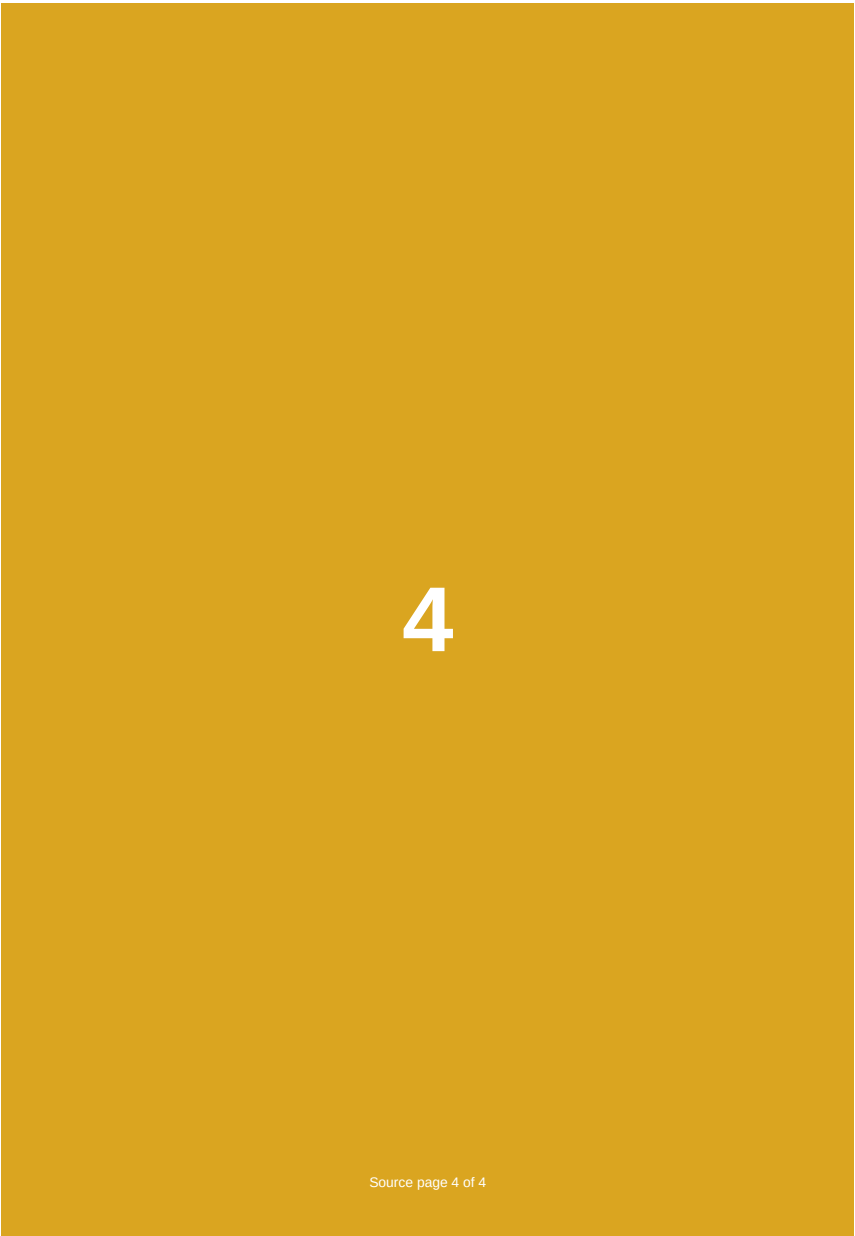
2

Source page 2 of 4

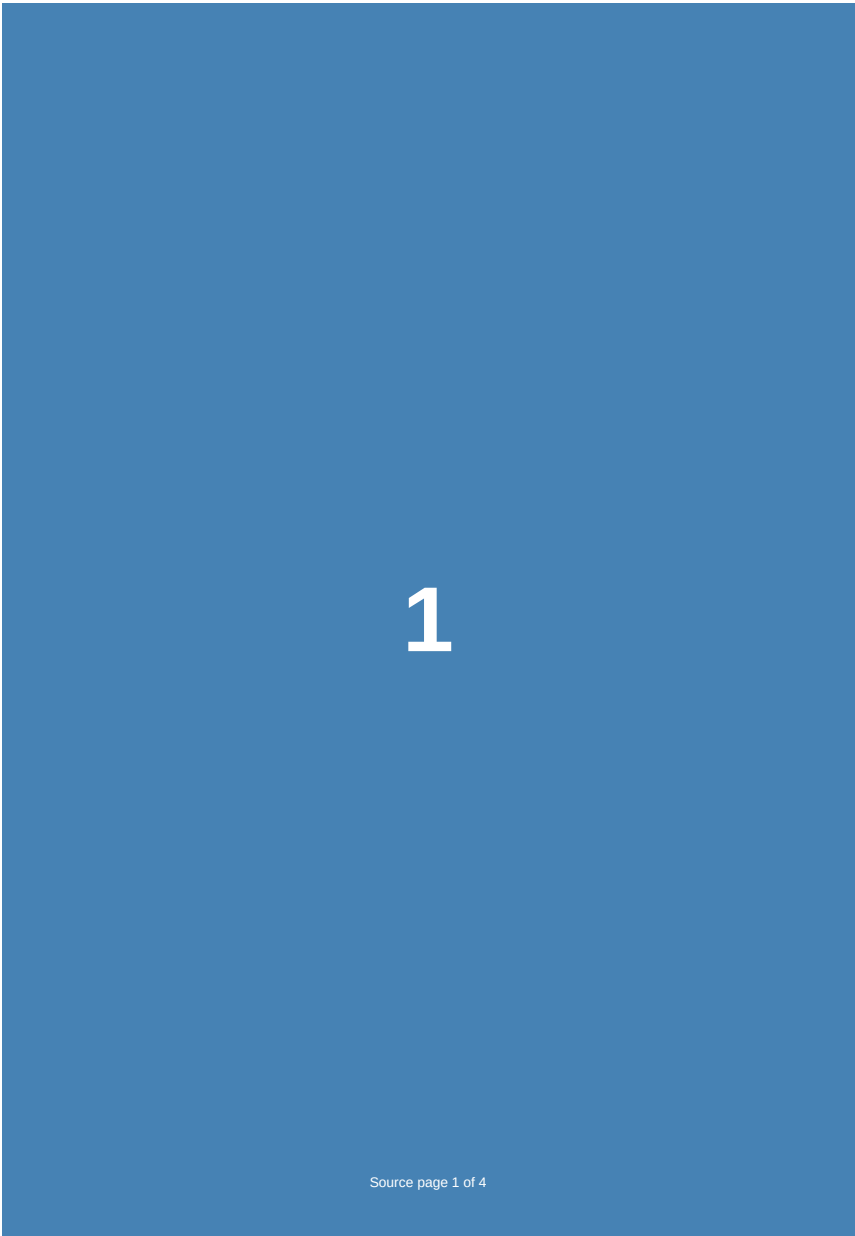
fold

Booklet

Front of the sheet: page 4 on the left, page 1 on the right

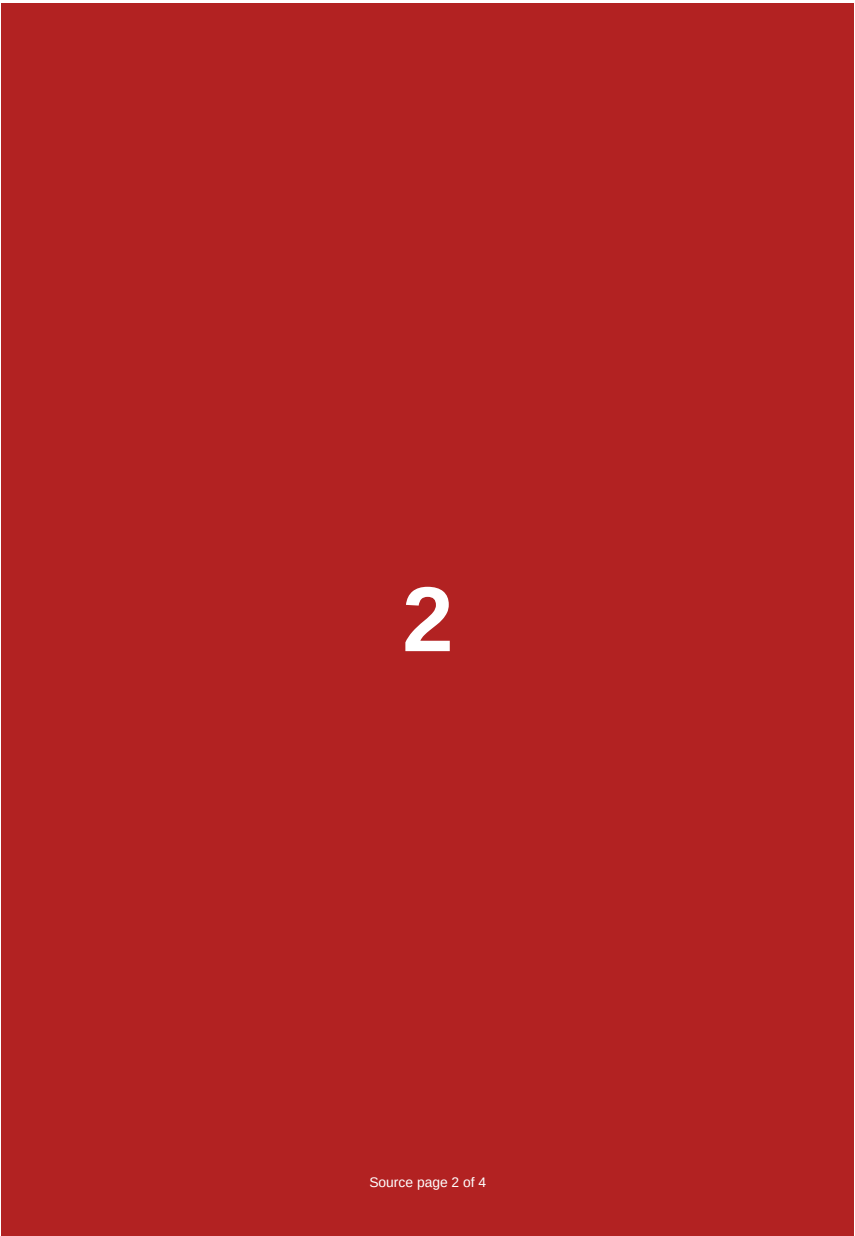


fold



Booklet

Back of the sheet: page 2 on the left, page 3 on the right



fold

