## **Production notes**

## Karl Berry

As you may have noticed, this issue mainly consists of a few longer-than-usual articles. We didn't plan it that way, but we were glad to have them, since the regular variety of shorter submissions did not happen for this issue. So we'd like to greatly encourage articles for the next issue, which will be in the spring of next year (deadline March 31, 2022)! Please, if you have any TEX-related projects or experiences you've been thinking about writing up, it's a good time. Early submissions are especially welcome.

A few TEXnical words about some of the articles in this issue. First, for Charles Bigelow's "Form, pattern & texture ...", the biggest complication was using the (unreleased) Lucida Book variant for the main font. I did this by the simple expedient of loading Lucida OpenType as usual, with \setmainfont{LucidaBrightOT}, but copying the Lucida Book .otf file into the current directory as LucidaBrightOT.otf.

For Amine Anane's article on Arabic typesetting, it was necessary to use Amine's modified (and renamed) luahbtex engine and luaotfload package. Fortunately, Amine had carefully documented his development process and I was able to make a binary without too much trouble. I built the .fmt file by hand, in the current directory, and then set TEXMFDOTDIR=.//, and unset TEXMFSYSVAR, to use that .fmt file and Amine's modified packages. So I'd like to thank Linas Stonys for suggesting the TEXMFDOTDIR feature for TEX Live, not so long ago.

For Herbert Voß's article on his remarkable hvfloat package, the main complication was ensuring that it started on an odd page; otherwise, the floats that spread across two pages would not have worked. A judicious choice for article ordering, plus a test \ifodd\count0\else \errmessage{...}\fi for explicit notification of the problem, did the trick. Of course figure placements here, as in all the articles (as in all articles), was a challenge, but Herbert had carefully designed his material to work for the *TUGboat* layout, for which I was extremely grateful.

If anyone is extra-curious, a few macro files and scripts used for *TUGboat* production are available from TUG's GitHub page, linked below.

I would like to thank all the authors, not just those mentioned above, for their invaluable assistance in finalizing their articles, even beyond writing them in the first place.

> Karl Berry github.com/TeXUsersGroup