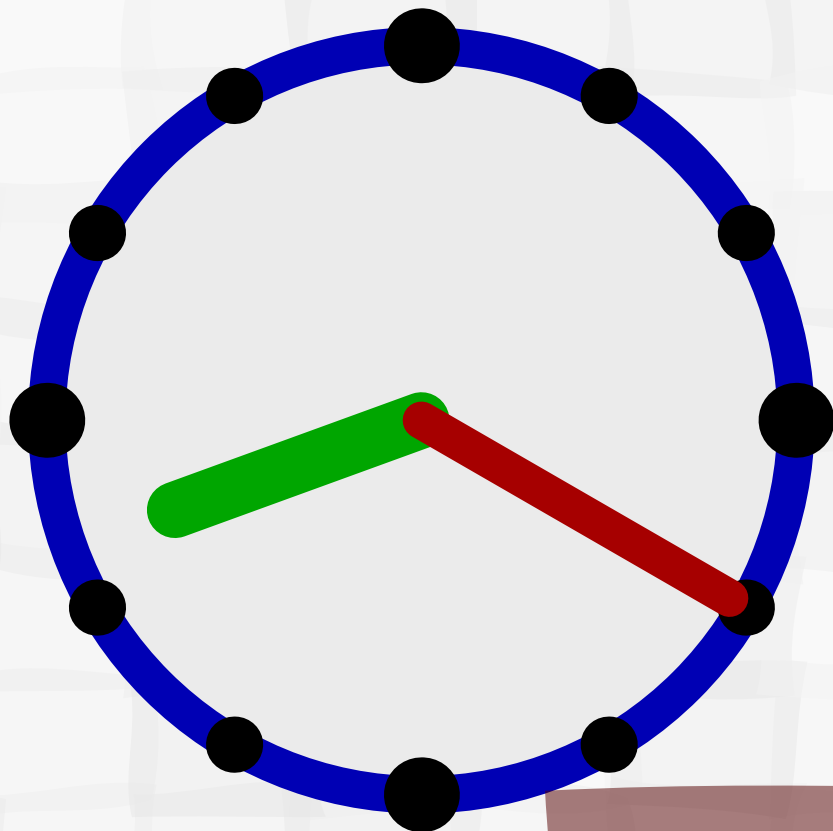
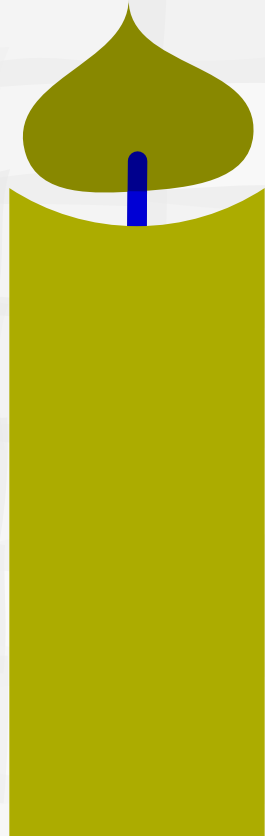


# MetaPost Graphics

*Once upon a time we started using METAPOST, the graphic companion to  $\text{\TeX}$ . Since then it has been our main tool for making graphics. Welcome to our little showcase. You can click on the graphic to show the real thing.*



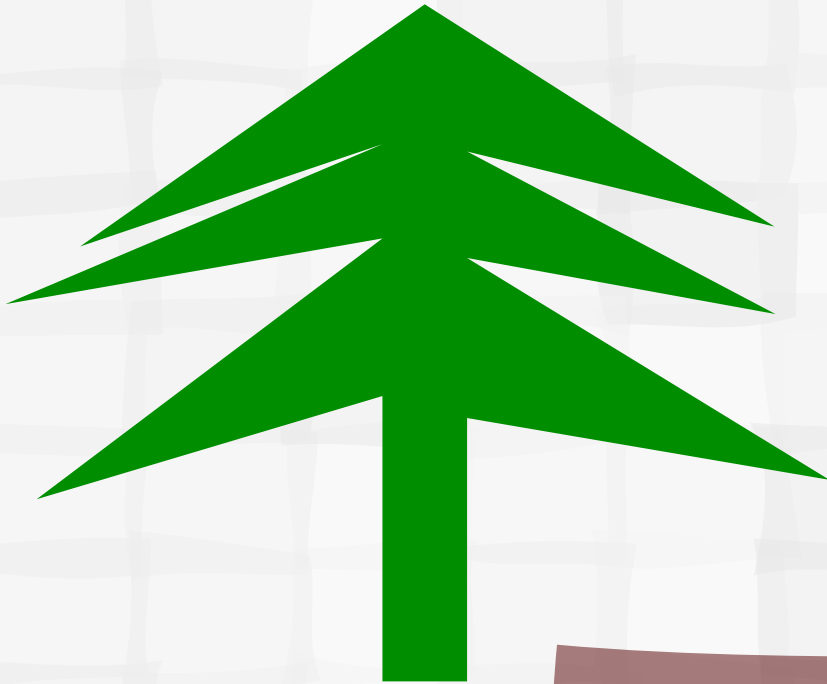
This is our 1998 christmas card graphic. It visualizes the count down to the millenium. It's a real count down: there are 12 60 clocks.



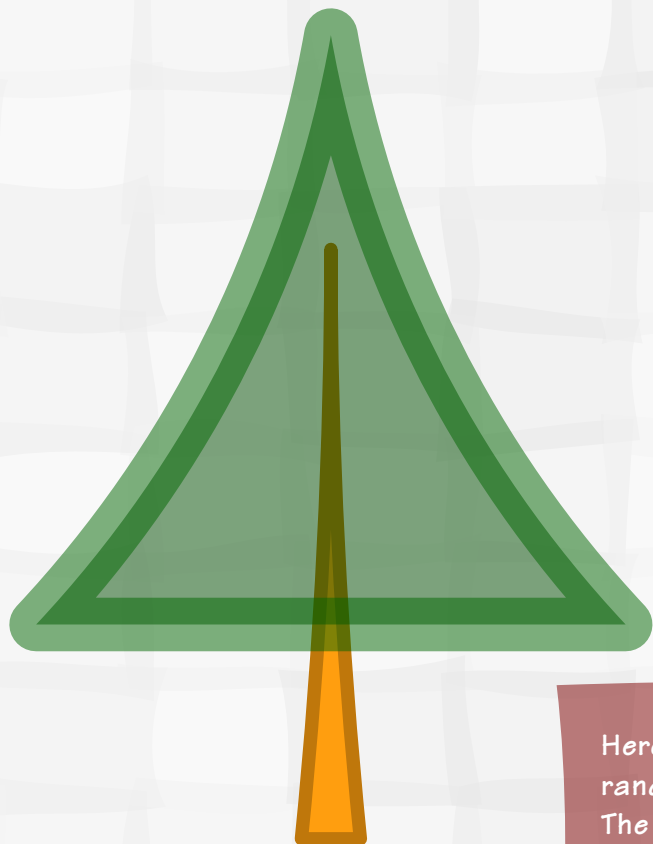
This candle is the basis for the 1999 christmas card. We let METAPOST generate 100 different candles and let  $\text{T}_{\text{E}}\text{X}$  treat each candle as a word. So, the core of the card is just a typeset paragraph of graphics. Each card itself was different.



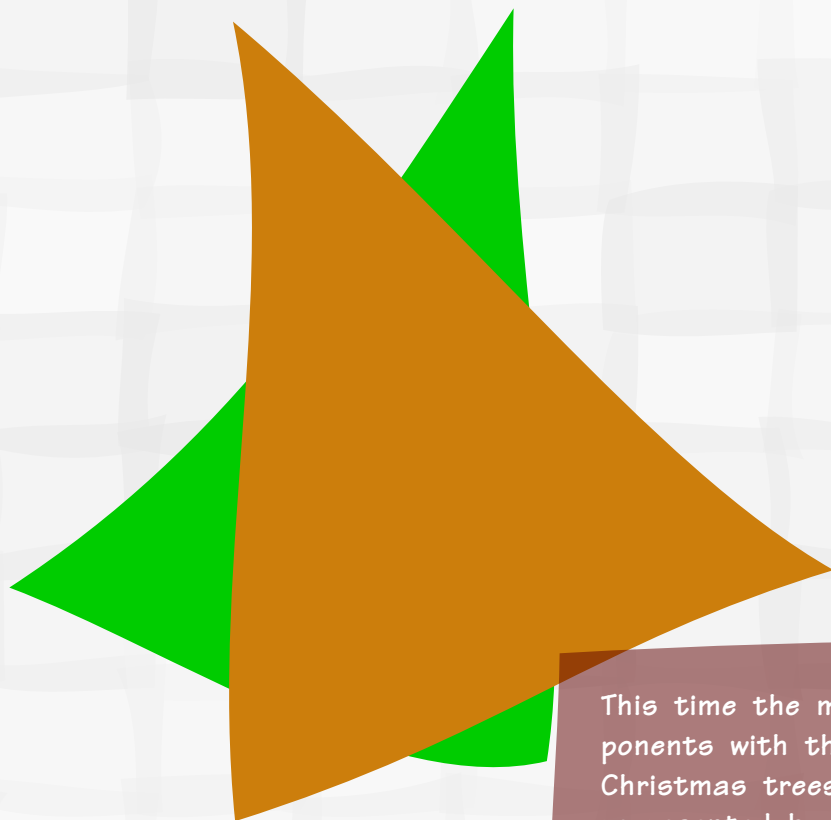
Many of the graphics made at Pragma ADE have one thing in common: randomness. This is also true for the 2000 christmas card, which shows 2001 stars in our company's color.



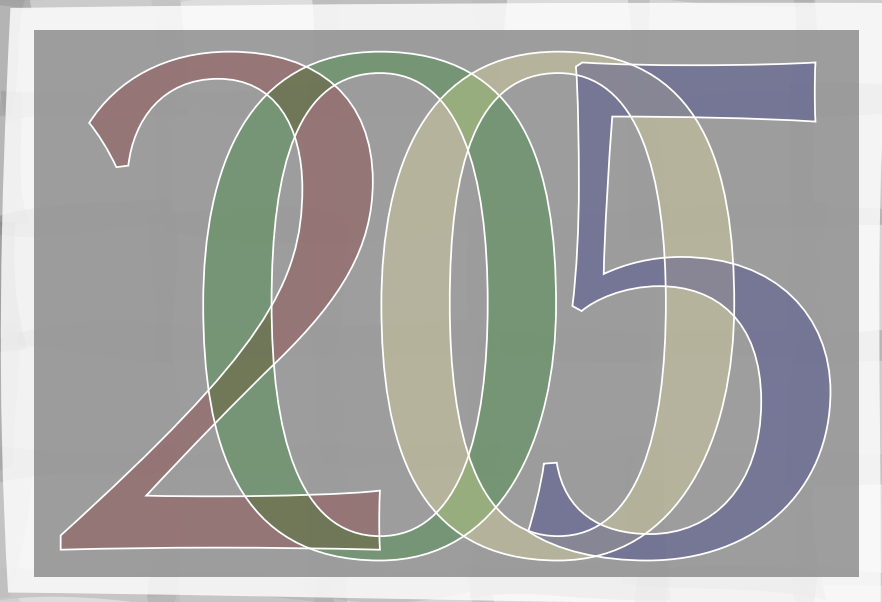
This tree was the building block of one of the concepts for the 2000 christmas card, but the overall design was too inefficient for an inkjet printer. In 2001 support for transparency was added to ConT<sub>E</sub>Xt, so we gave this tree another chance. Instead of random green colors, we now use the colors of the dutch flag.



Here is another christmas tree. This time we randomize the trunk and body out of needles. The randomization takes place within predefined shapes. The composition is made out of three times 2003 needles, wood chips and snowflakes. Of course each card is unique.



This time the main picture counts 2000 components with the triangular shape familiar from Christmas trees. The 4th year of the millenium is represented by the four shapes below the text; for them we used our company colors. If you look for a long time to graphics like this, you imagine seeing patterns in what actually is a random graphic.

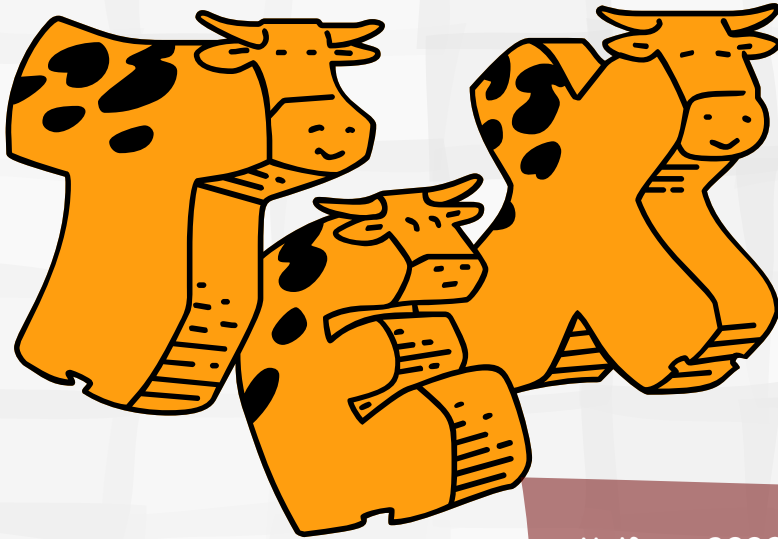


I started (as usual) with some random graphic, this time using the Hermann Zapf's Optima Nova font. Lack of space for detail made me drop that variant and stick to simple transformations. This font is one of the most beautiful font design I know. Optima Nova also translates well into a happy new year wish.



# MMVI

This time we show all the roman numerals I-MMV as one long sequence, typeset in a square paragraph with linebreaks chosen in such a way that we get a full block of text. A typical  $\text{\TeX}$  job. Here we show the version with Hermann Zapfs brand new Palatino Nova, but the card itself was done in Optima Nova with HZ optimization.



Halfway 2006 the cowfont (koeieletters) was added to the ConT<sub>E</sub>Xt distribution. This font is a combined effort of Duane Bibby, Taco Hoekwater and Hans Hagen. In addition to regular characters, it also provides cow-math and bunch of logo's, accessible as ligatures. Apart from being a nice font, it also provides a playground for (new) T<sub>E</sub>X features.

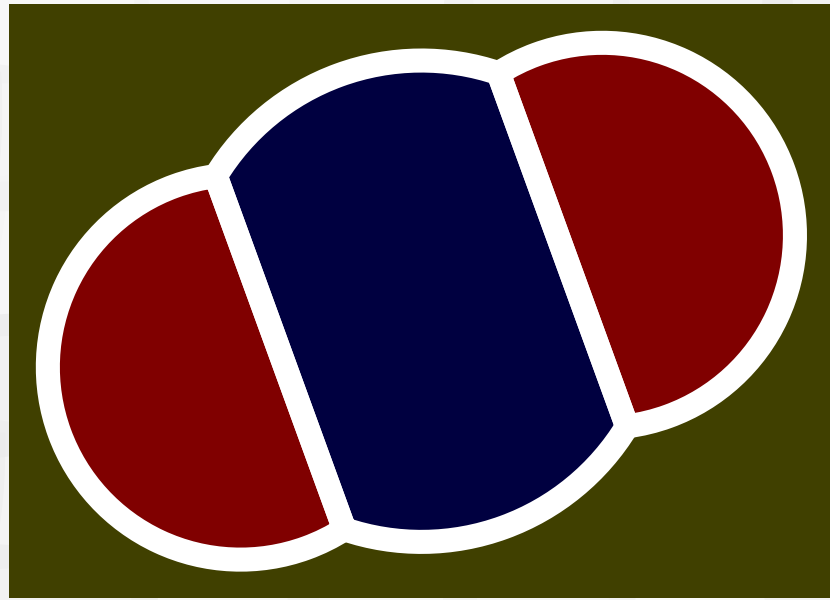


h z

In 2007 Hermann Zapf, Taco Hoekwater, Volker Schaa en Hans Hagen cooperated in a project that resulted in a reshaped design of the familiar Euler typefaces which is dedicated to Don Knuth's 70th birthday. Since it is a math font, in this card we used some number trickery. In addition to the traditional Euler fonts, we used a special text version.



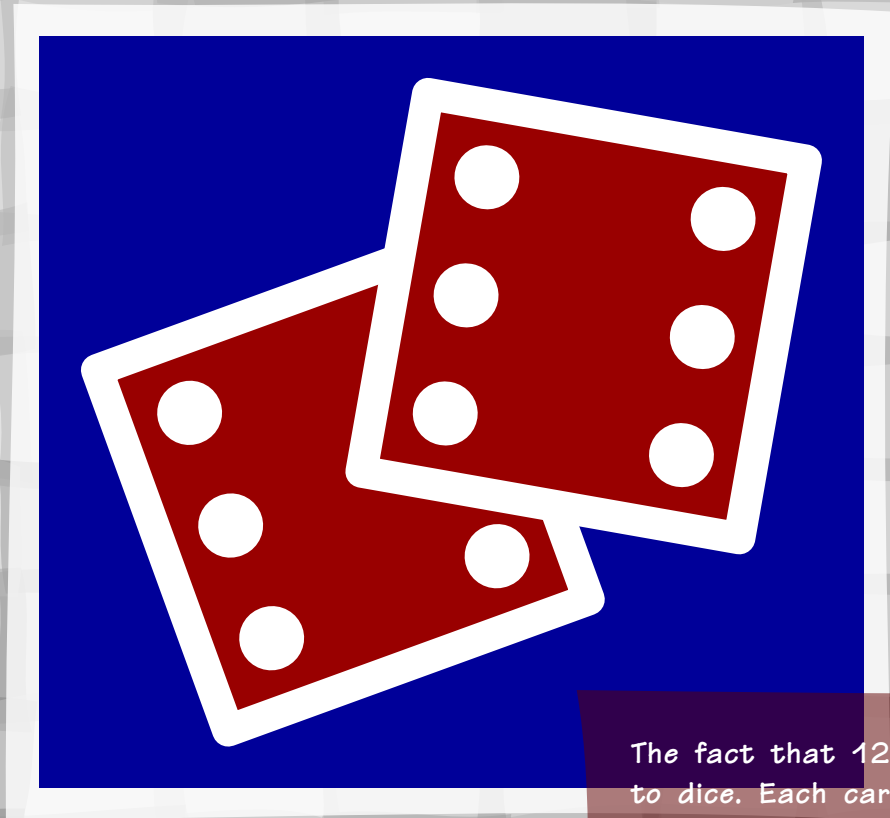
Sometime in 2008 the METAPOST library was added to Lua $\text{\TeX}$  and we celebrated that with implementing runtime generation of Don Knuths punk font. The card is generated using  $\text{\TeX}$ , METAPOST and Lua. A careful examiner can find several occurrences of three words that were frequently heard in 2008.



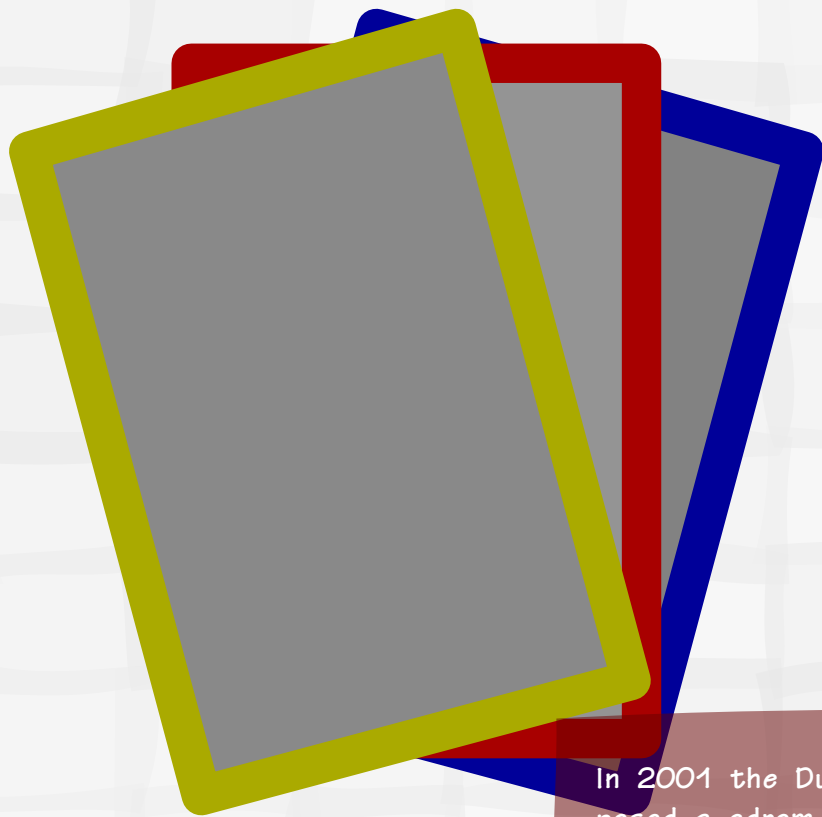
Around the time that the annual card was to be made, the Climate Conference in Copenhagen turned out to be a failure. The  $\text{CO}_2$  concentration in the atmosphere is getting close to 400 ppm in 2009 and it will get worse. Hopefully we will never see a concentration of 2010 ppm.

A card with a white border and a dark gray background. The year '2011' is written in a thick, red, hand-drawn font. The '2' and '0' are connected, and the '1's have a slight serif at the bottom. The card is placed on a background of overlapping, semi-transparent gray squares.

As 1 plus 1 equals 2 and 1 minus 1 equals 0, on this card we create the 20 out of ones. The basic shapes of the numbers are taken from the punk font. The ones got a serif to make things look nicer and its randomized path gives some spice to the whole.

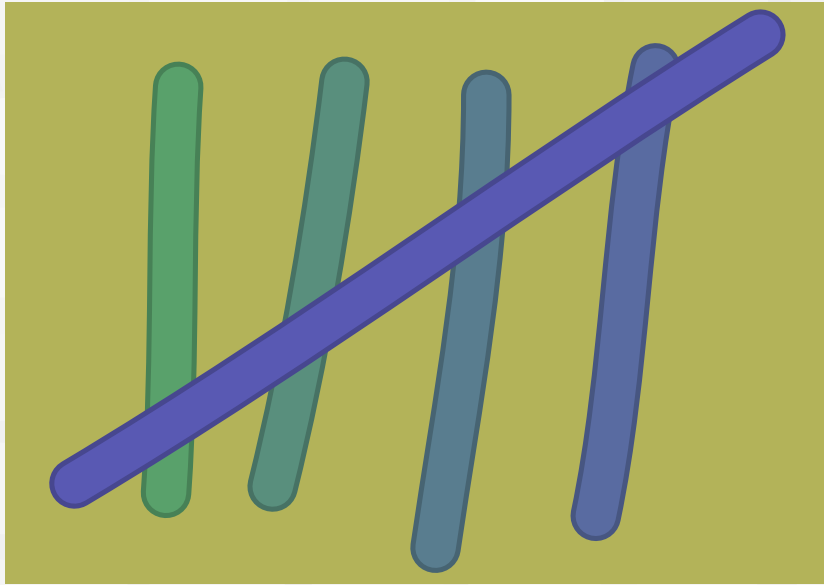


The fact that 12 equals two times 6 brings us to dice. Each card that we sent out had (as usual) a different look and shows a (random) series of dice that accumulate to 2012. We end up with 24 times 24 dice on each card and it is a nice exercise in statistics to figure out why there are so many islands with similar dice.

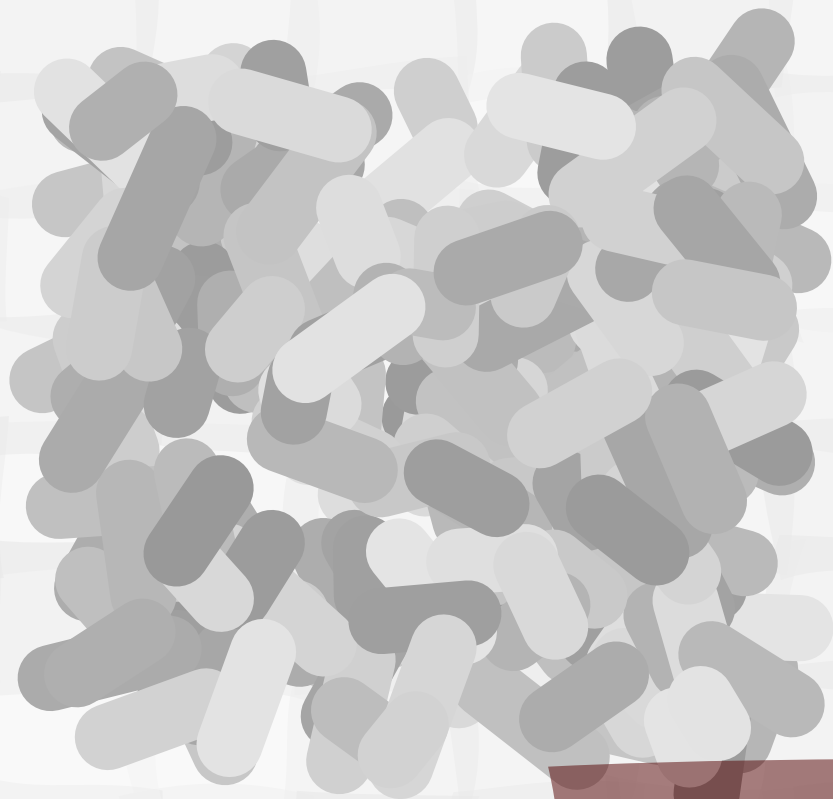


In 2001 the Dutch Speaking T<sub>E</sub>X User group composed a cdrom with all issues of their journal. The cdrom comes with abstracts and an index in the form of an interactive pdf document. Here you see how the cdrom looked like.

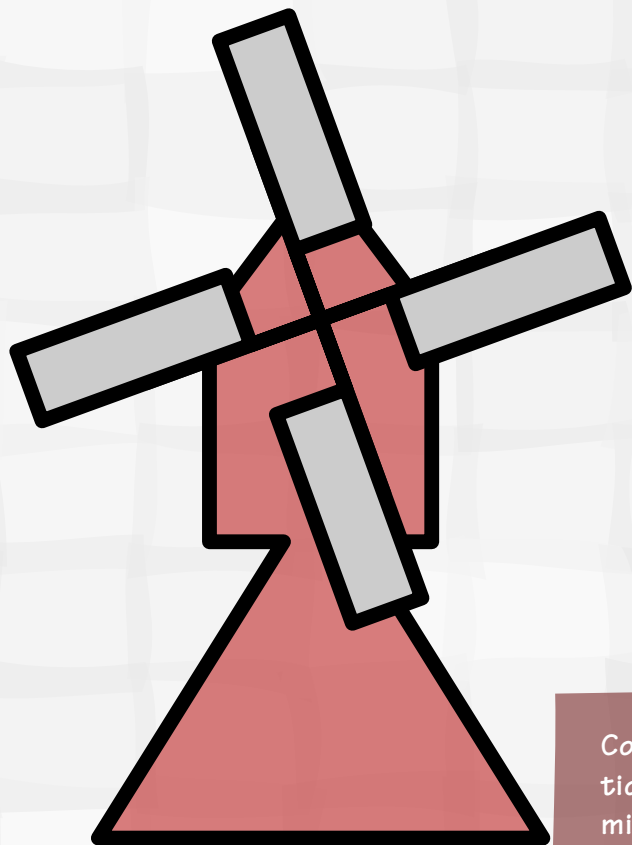




This counter was used in an invitation card for Volker ambassador of Dante e.V. Schaa's 50th birthday party. The text was typeset in Palatino, one of Zapfs fonts, Hermann Zapf being one of Volkers favorite designers. Each invitation was unique due to METAPOST random generator. The colors run from greenish to blueish if fifty steps.



This is the first of a series of cdrom covers that we use at Pragma ADE. A certain amount of simple manual labour is compensated by the complicated graphic.

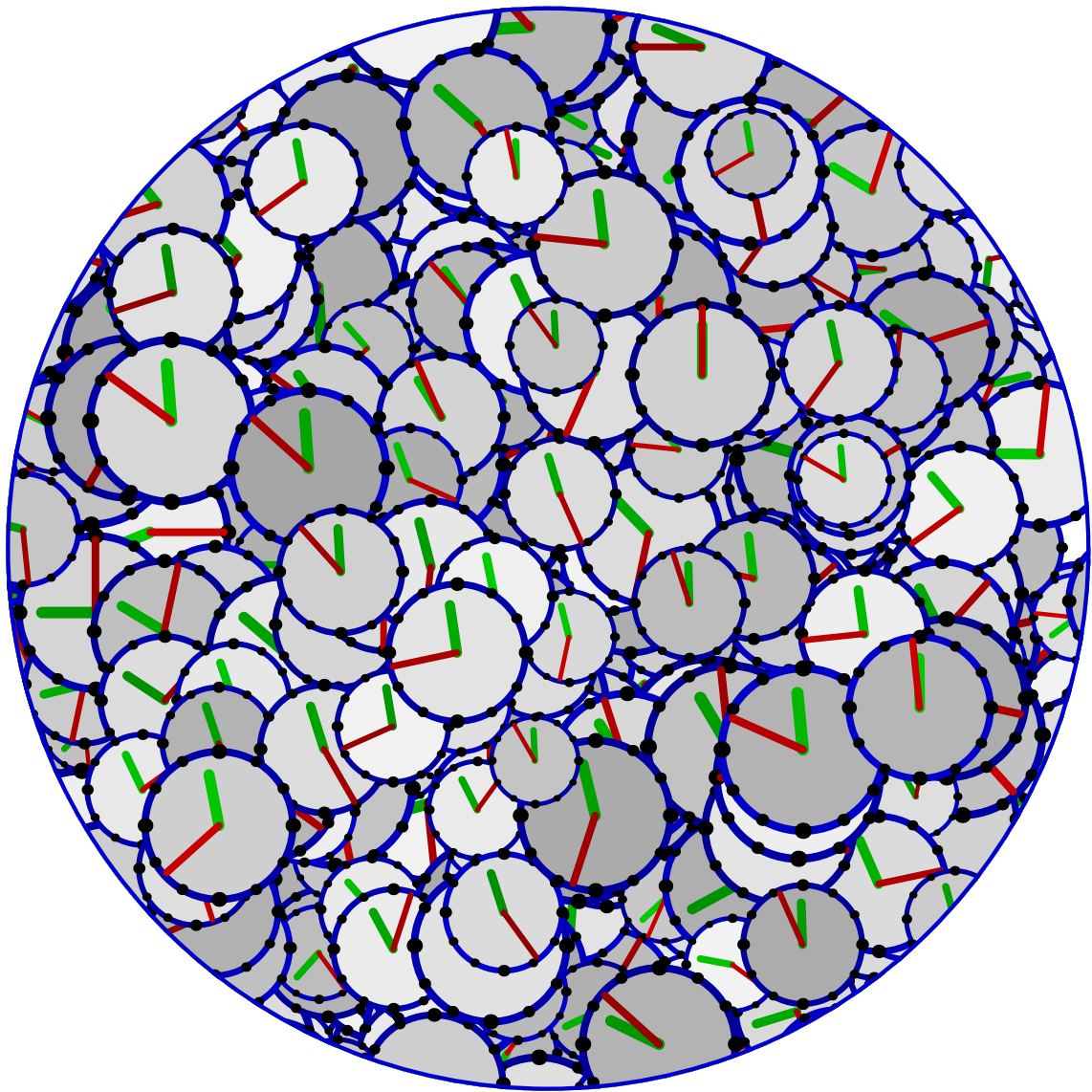


ConTEXt comes from the Netherlands, and traditionally this small country is associated with wind mills. These look like this. We use quote some transparencies here so you can imagine that it takes some time to render this picture on a printer.

zonder al te veel aftelproblemen. Pragma

Het grote aftellen begint. Nog ruim 350 keer

klotje rond. Wij wensen u een vrolijk 1999,



ADP, Ridderstraat 27, 8061GH Hasselt NL.

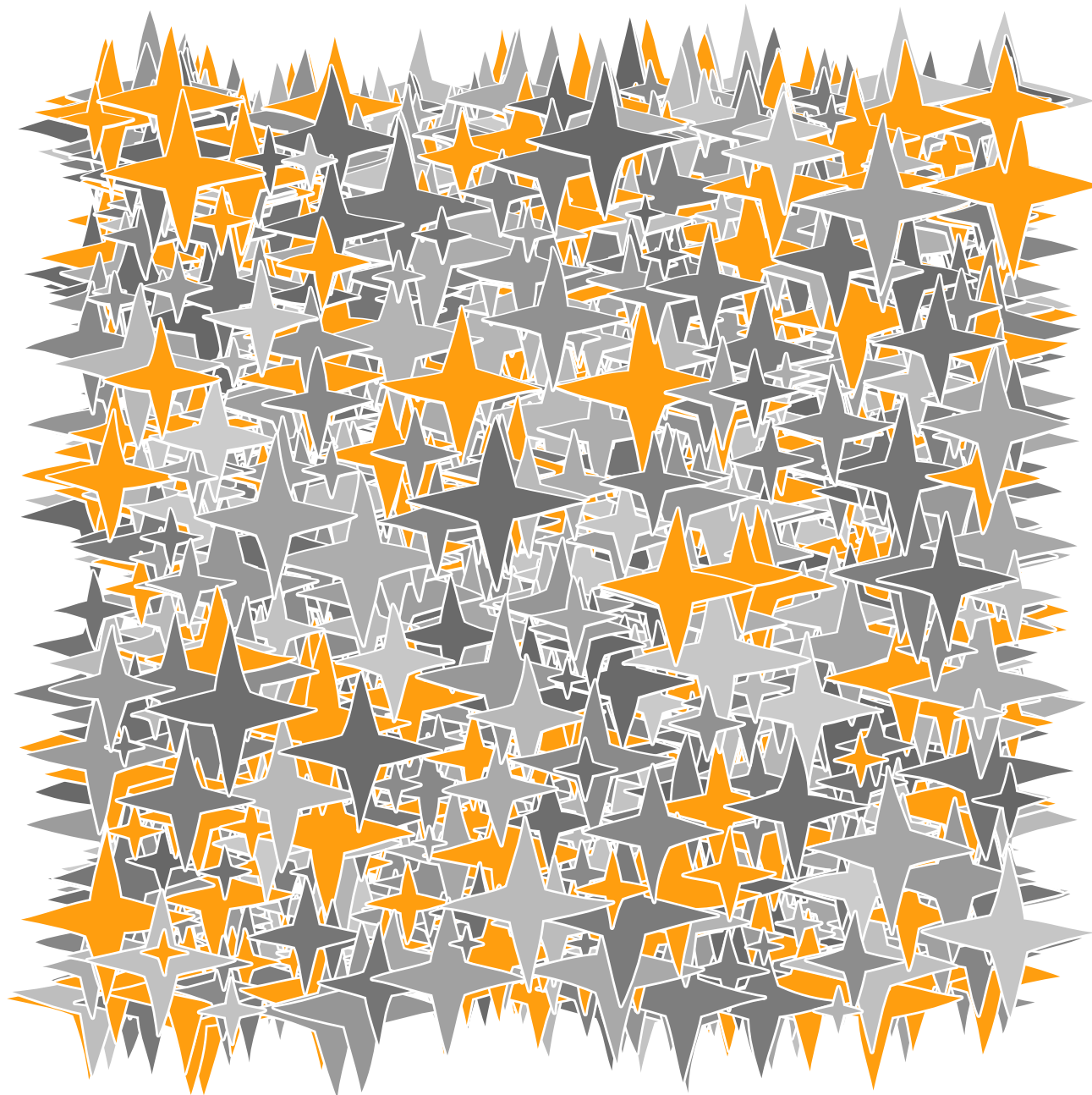


Een ding is zeker,  
tijdens de overgang  
naar het nieuwe  
millennium zullen  
bij ons de kaarsen  
blijven branden.

Wij wensen u een  
goede 21<sup>e</sup> eeuw toe.

PRAGMA ADE  
Ridderstraat 27  
8061GH Hasselt NL

+31 38 477 53 69  
[www.pragma-ade.nl](http://www.pragma-ade.nl)



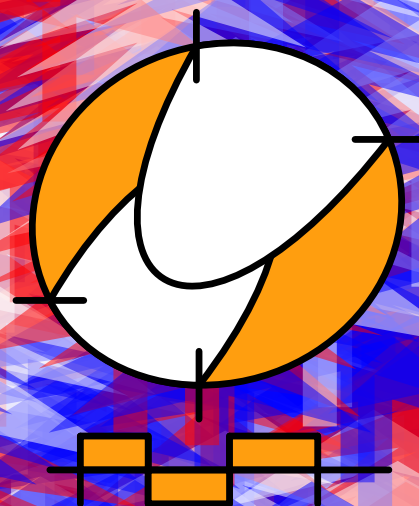
Wij wensen u  
een sterk 2001!

PRAGMA ADE  
Ridderstraat 27  
8061GH Hasselt NL

+31 38 477 53 69  
[www.pragma-ade.com](http://www.pragma-ade.com)



Wij hopen dat u in  
2002 door de bomen  
het bos blijft zien!



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Ridderstraat 27  
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+31 (0)38 477 53 69  
[www.pragma-ade.com](http://www.pragma-ade.com)  
[www.pragma-pod.nl](http://www.pragma-pod.nl)

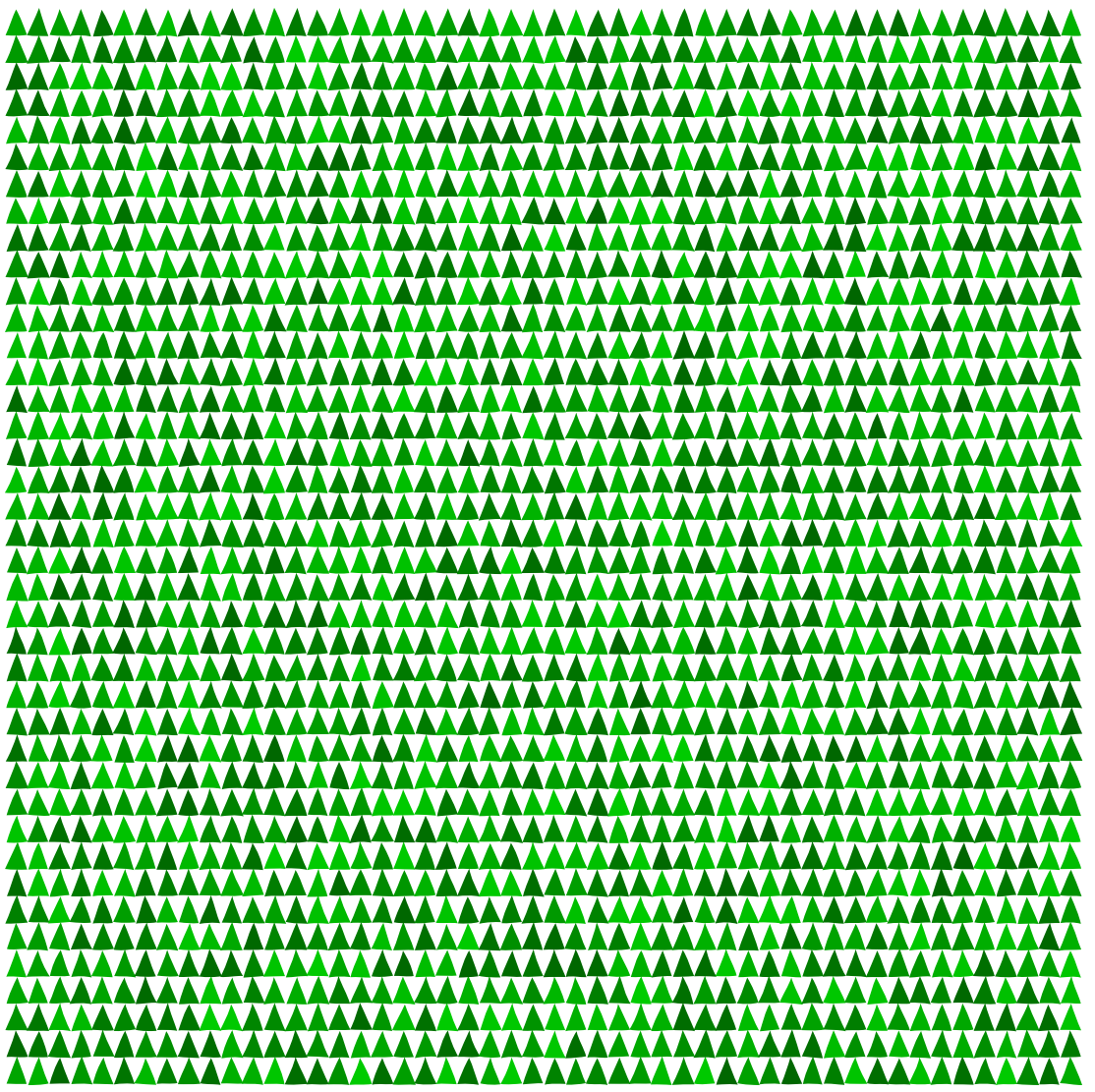


Wij wensen u  
een prettig en  
gezond 2003.

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[www.pragma-ade.com](http://www.pragma-ade.com)  
[www.pragma-pod.com](http://www.pragma-pod.com)





Wij wensen u  
een gezond  
en voorspoedig



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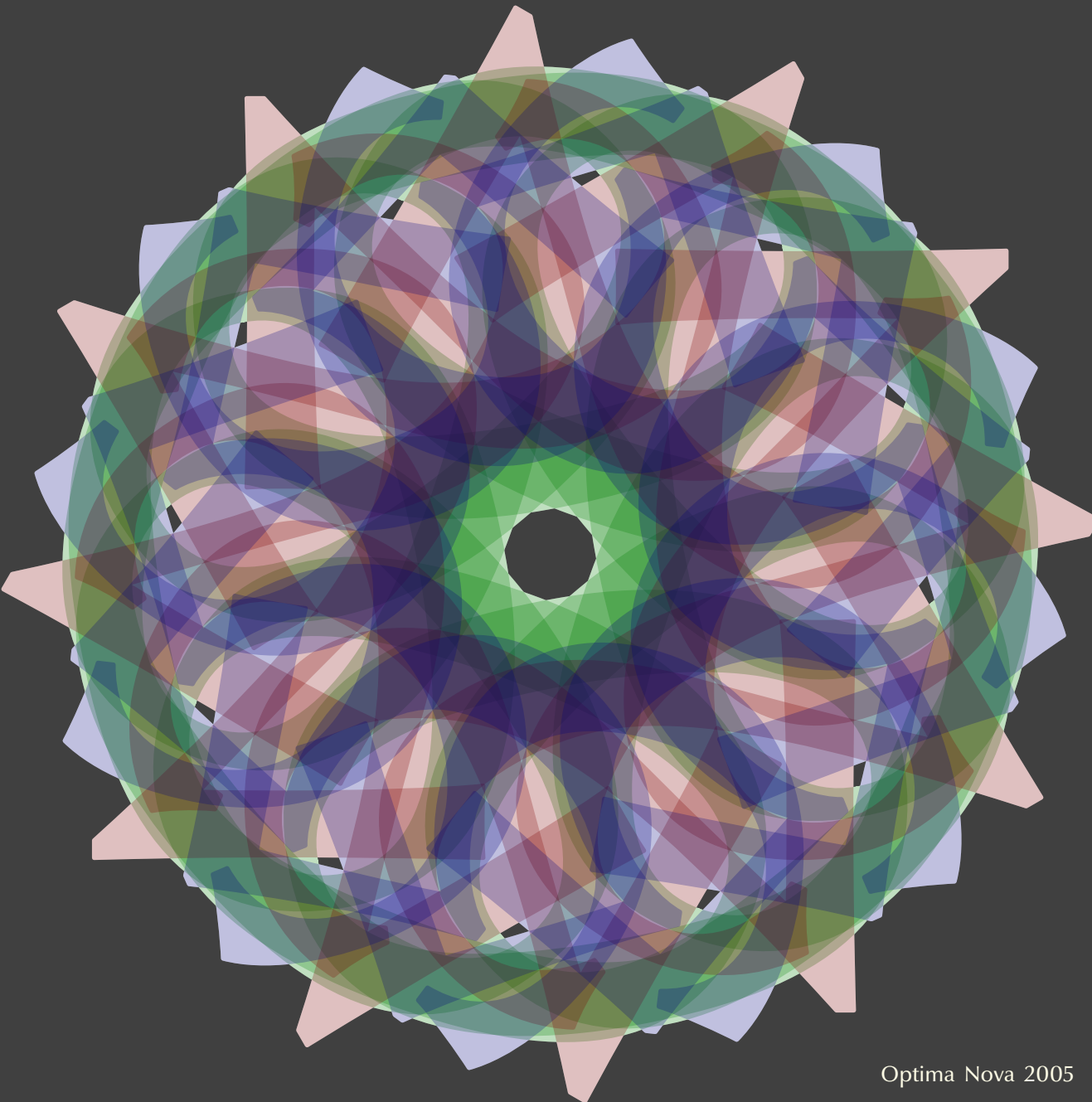
+31 (0)38 477 53 69  
[www.pragma-ade.com](http://www.pragma-ade.com)  
[www.pragma-pod.com](http://www.pragma-pod.com)

Wij wensen u  
een optimaal  
nieuw jaar.

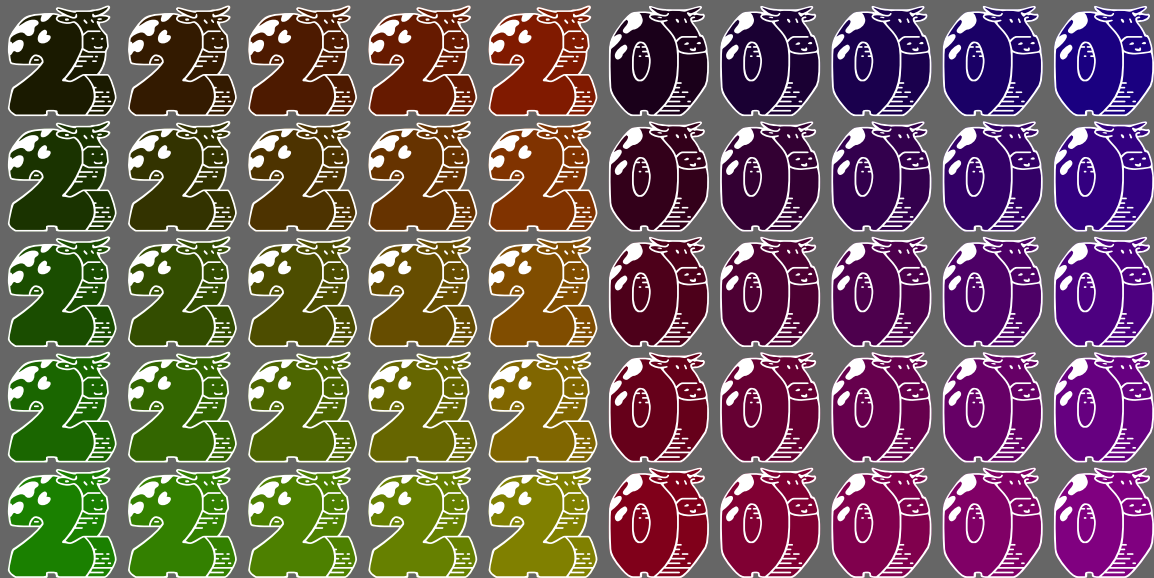
Hans Hagen  
Ton Otten

Optima Nova 2005

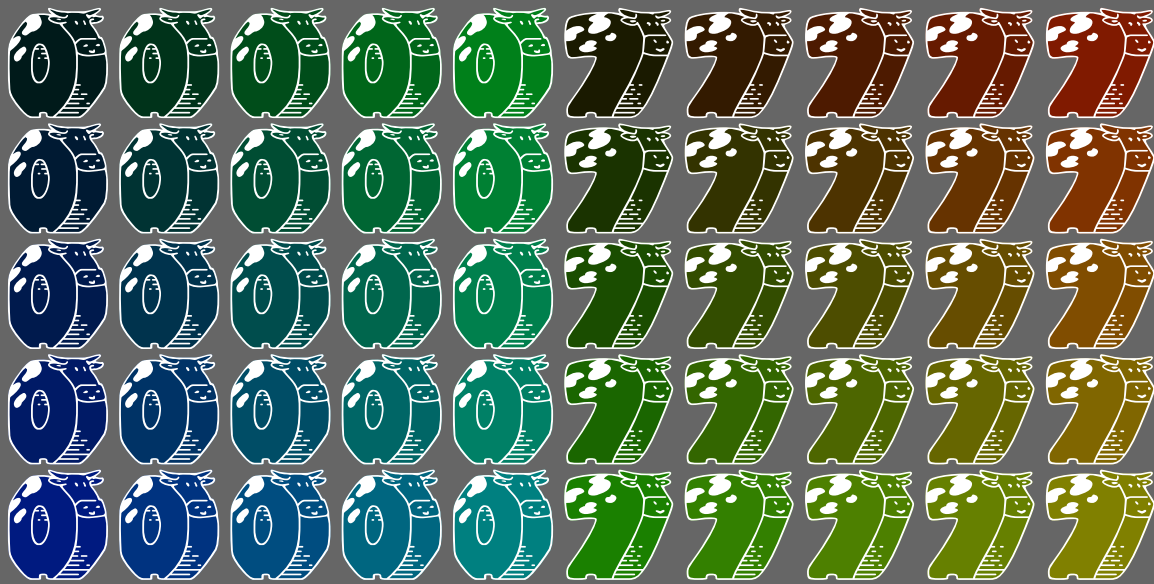
[www.pragma-ade.com](http://www.pragma-ade.com)



www.pragma-ade.com



WIL  
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PRETTIG  
2007.



WANTS  
WAGEN

WON  
WTFEN



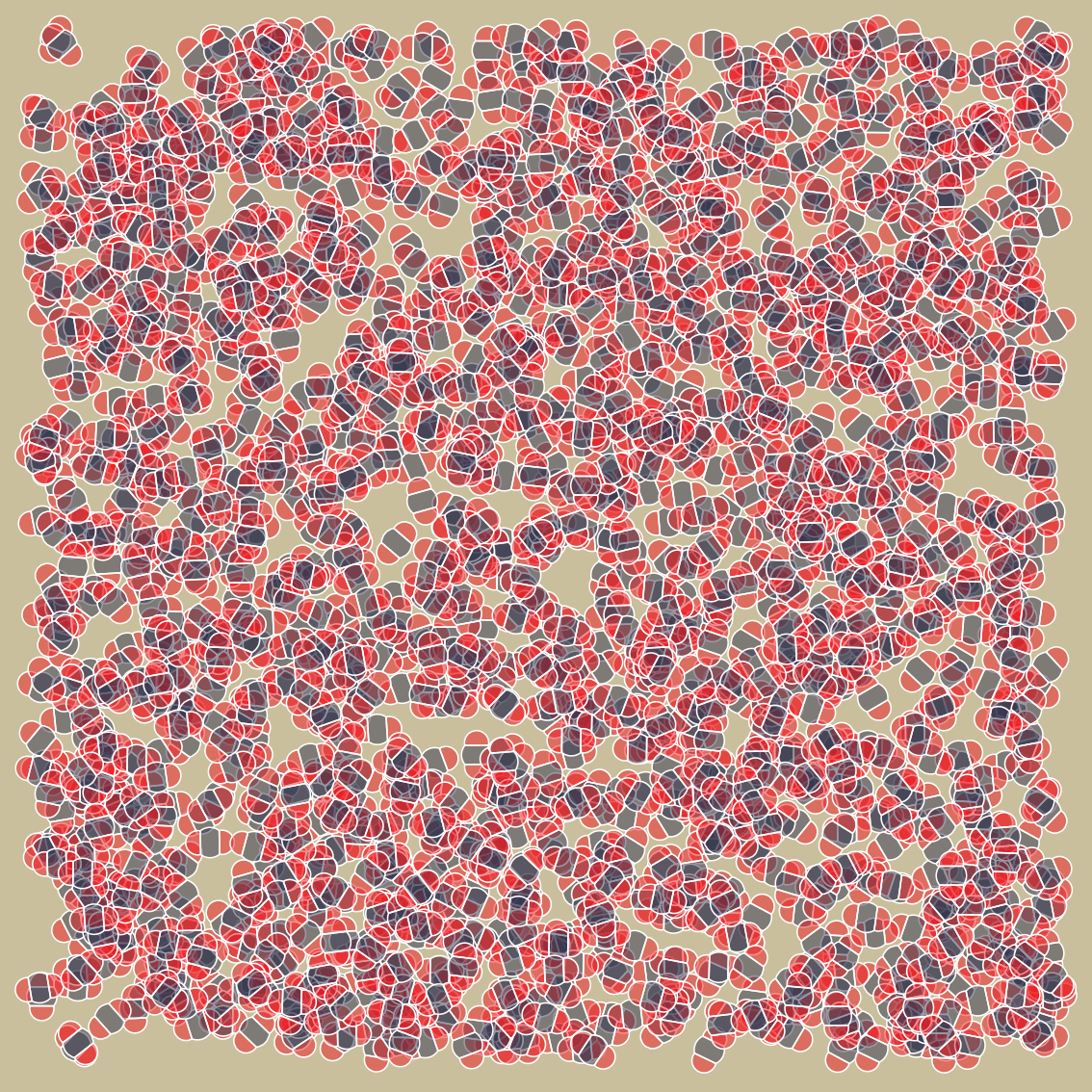
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22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8 9 10 11  
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27  
28 29 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19  
20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8  
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25  
26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3  
4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22  
23 24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13  
14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29  
30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19  
20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4 5 6 7 8  
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25  
26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16  
17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 1 2 3 4  
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23  
24 25 26 27 28 29 30 1 2 3 4 5 6 7 8 9 10 11 12 13 14  
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

Wij wensen u een overzichtelijk 2008 toe.





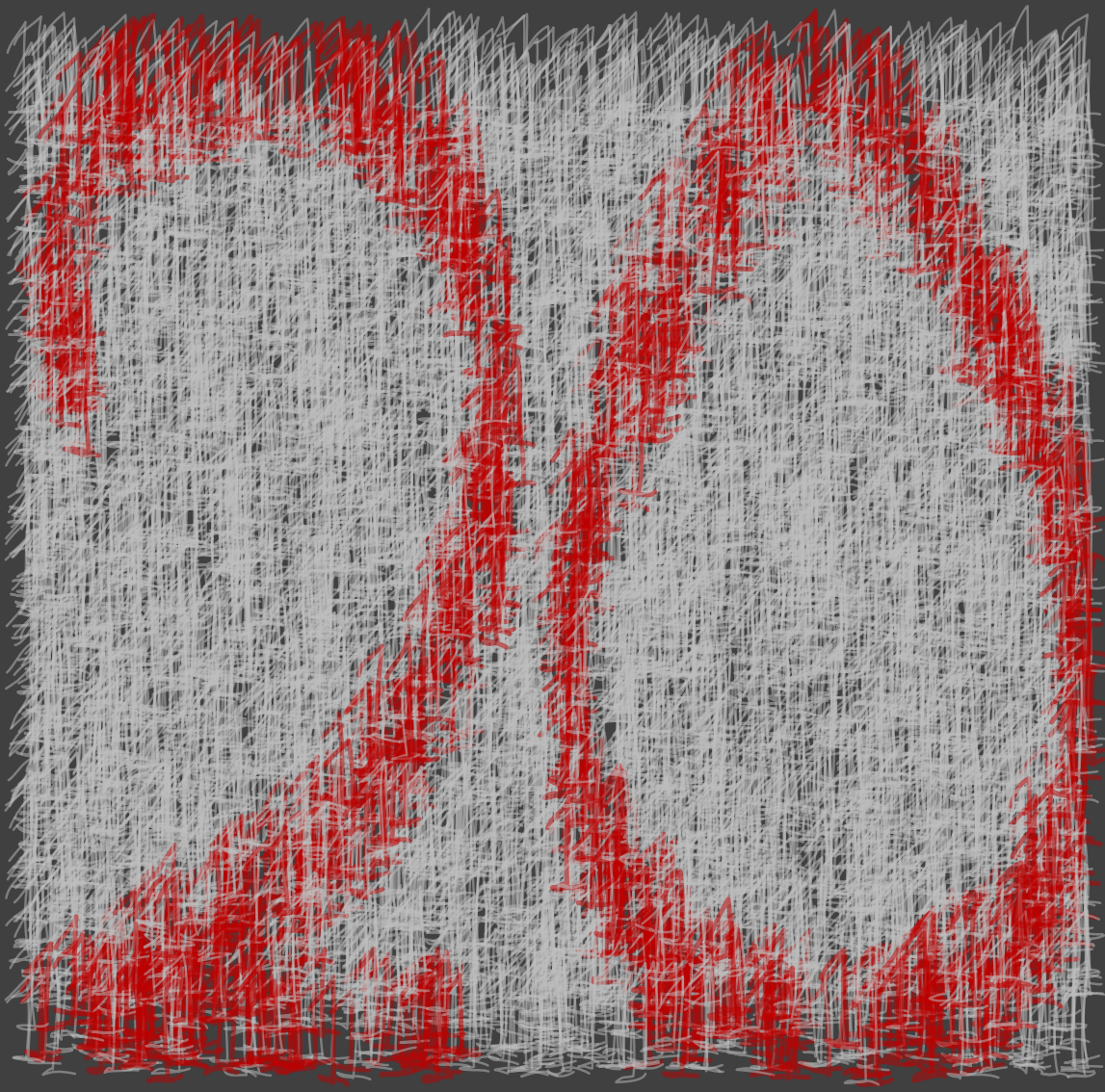
PRAGMA IDE, RIPPDEESTRAAT 27, 8816GH HΑΣSELT NL, WWW.PRAGMA-IDE.COM



We wish you a bright and clean 2010!

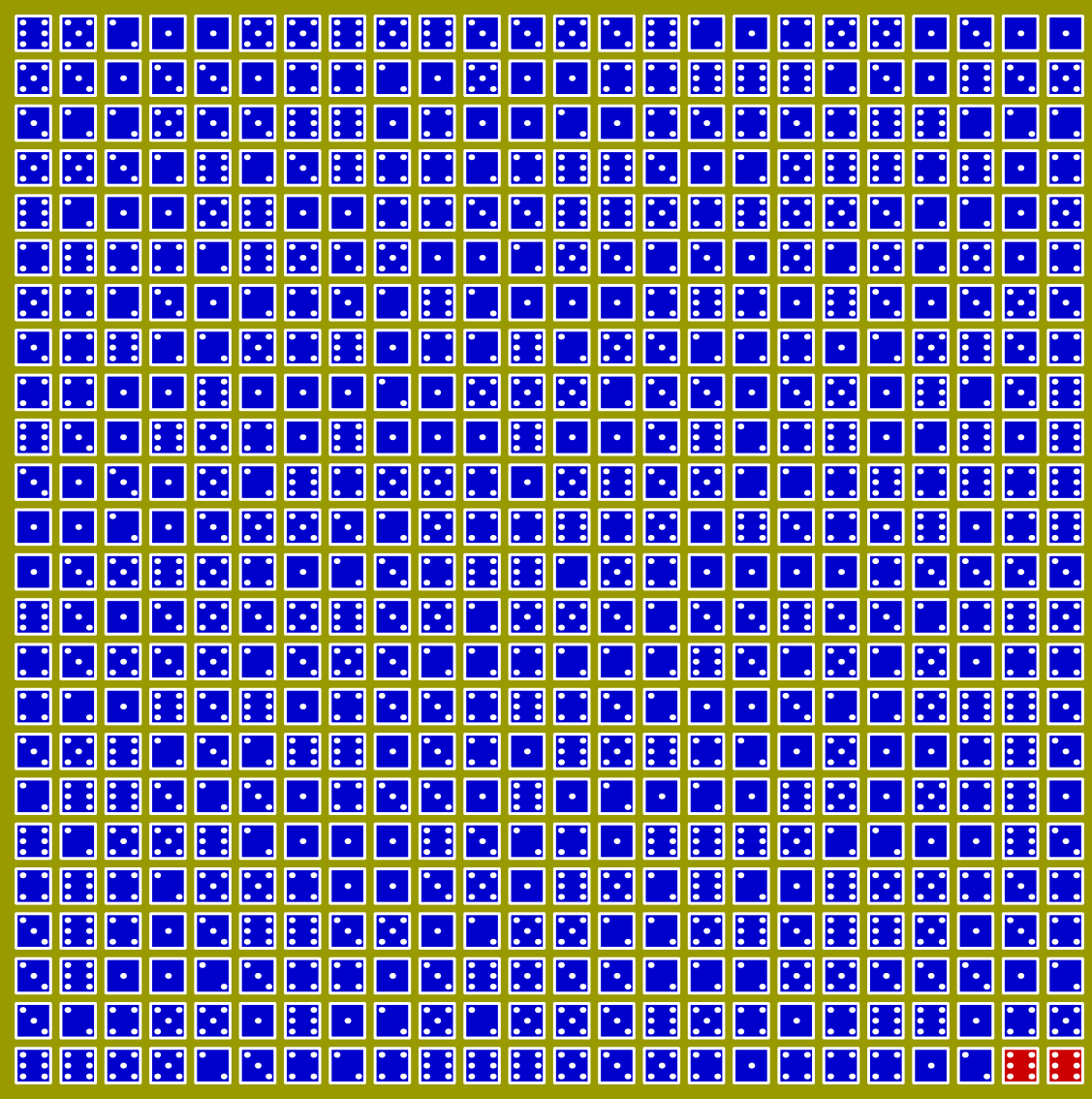
Pragma ADE, Ridderstraat 27, 8061GH Hasselt NL, [www.pragma-ade.com](http://www.pragma-ade.com)



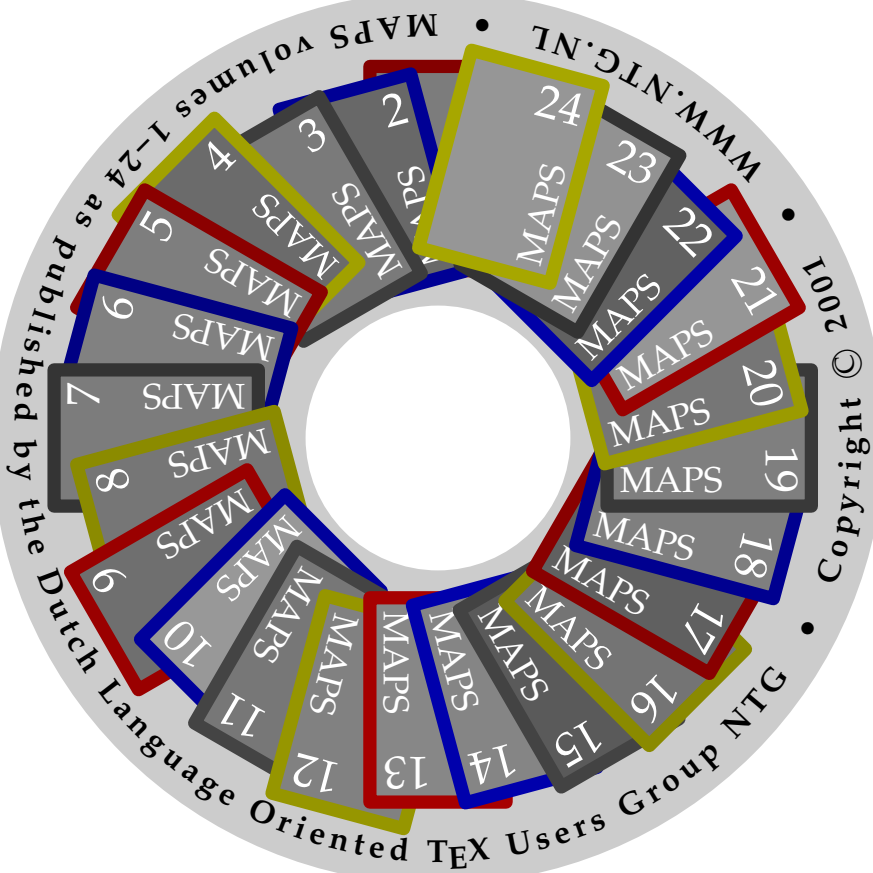


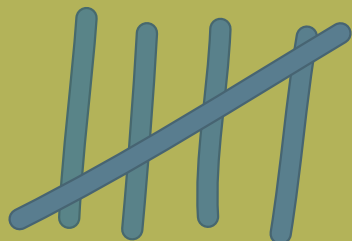
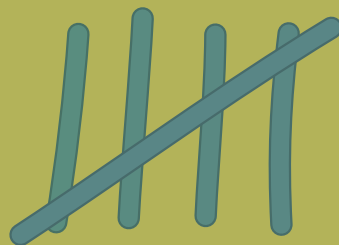
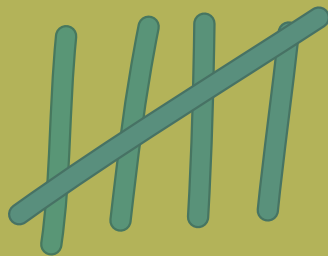
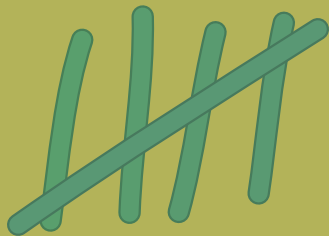
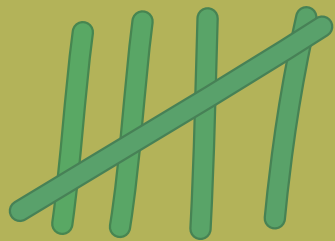
We wish you a good 2011!



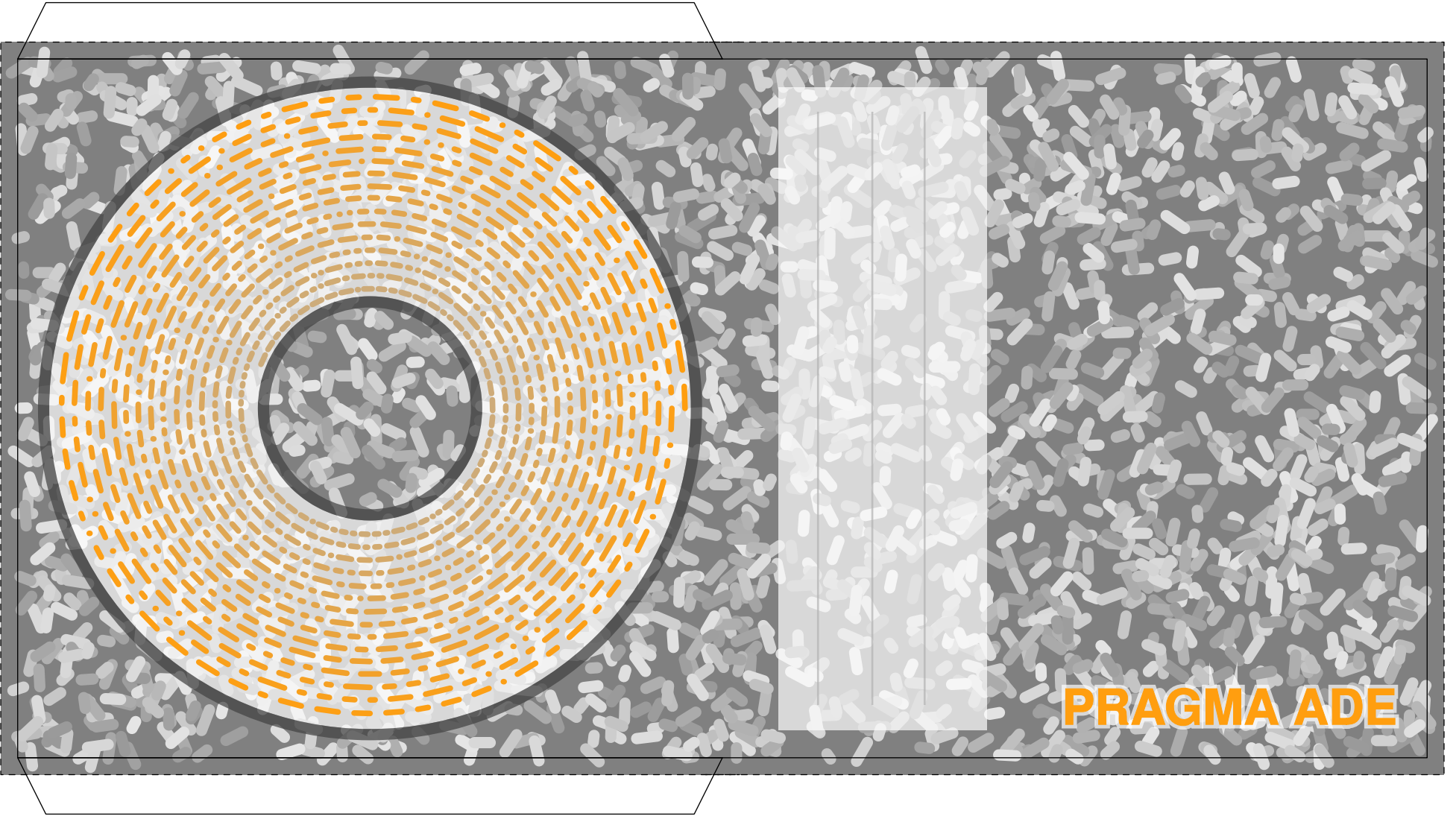


We wish you a lucky 2012!





Es ist so weit: ich werde 50! • Das ist Grund  
genug zu feiern und zwar bei einem französi-  
schen Essen • Am Samstag, dem 18. Mai 2002  
ab 18:00 Uhr beim STADT-KOCH Heidelberger-  
straße 105 in Darmstadt • Ich freue mich, wenn  
Ihr kommt • Bitte sagt mir bis zum 7. April Be-  
scheid • Herzliche Grüße, Euer Volker



**PRAGMA ADE**

