

Loo Paper

- Installment 09/26 -
Your Fachschafts-Newsletter

Calendar

- 31.08. – 22.09. Revision Courses
14.09. "Lange Nacht des Schreibens" in the ULB
19.09. – 22.09. Game Jam
01.10. Start of the Semester
03.10. German Unity Day

Hello First Year Students!

Welcome to the math program at the University of Bonn! A lot of things will be new to you during your first few weeks of uni, so to make sure you don't have to figure it all out on your own, we've planned plenty of events for the coming weeks. These events will give you a chance to meet new people and network with each other outside of class. Come check them out — it's worth it — and we look forward to seeing you!

The first events are listed below. However, most up-to-date information is available in the WhatsApp and Signal groups. You'll find QR codes to join these groups as well as lots of important information about your studies and Bonn in the Ersti-Zeitung. If you don't have a copy yet, feel free to stop by the office (N0.001) during AWD hours (see top right) and pick one up!

If you have any questions, concerns, or suggestions, please feel free to reach out to me or other student council members at any time :).

Your Ersti Referentin,
Claudia

Events for First Years

- 14.09. – 25.09. Preliminary Math Course
14.09. Campus Tour & Get-Together
15.09. Game Night
17.09. Cocktail Evening
22.09. Game Night
24.09. Bar Hopping
28.09. – 02.10. Preliminary Programming Course

- 28.09. Game Night
29.09. Chess Tournament with Physics Dep.
30.09. FSR-Meeting for Newbies (Ger)
01.10. Flunkyball Tournament

Office Hours

The office in N0.001 will not be staffed every weekday during the lecture break. The following table shows when you can find us there:

- 27.07. – 07.08. Mon., Tue., Thu.
10.08. – 11.09. Tue., Thu.
14.09. – 12.10. Mon., Tue., Thu.

Office hours are 12:15 pm – 2 pm!

Revision Courses

This semester, we offer revision courses for the following lectures:

- 31.08. – 04.09. AIMa II
07.09. – 11.09. Lineare Algebra II
16.09. – 21.09. Analysis II
31.08. – 04.09. Grundzüge der Mathematik II (teaching degree)
07.09. – 11.09. Analysis in mehreren Veränderlichen (teaching degree)
11.09. – 15.09. Einführung in die Geometrie und Topologie
17.09. – 22.09. Einführung in die komplexe Analysis
07.09. – 11.09. Algebra I (in English)
07.09. – 11.09. Alg. Number Theory (in English)
07.09. – 11.09. Topology II (in English)

Visit our website for up-to-date information on where and when each course will take place and to access the course material:

tinyurl.com/revisioncourses

Game Jam

Our Game Jam will take place from 19th of September to 22 of September. Working in groups, you'll have three days to program a short game based on a theme we've set. We'll be kicking off the event on 19 of September at 5.00 pm in room U1.059 of the Rotation Building (Käthe-Kümmelstraße 1) and presenting all the results in the same room on 22nd of September at 5.00 pm. Even if you

didn't take part, it's well worth coming to have a look at the results. We've booked rooms in the Rotation Building for the entire duration, which you're welcome to use, and there'll be free snacks too :) It's helpful to have some programming experience, but there are also plenty of tasks that require other skills. If you're interested, please join the Signal group by scanning the QR code below. We look forward to seeing you there.

2026/qrcode.png

Comic of the Month

highway_signs_2x.png

Comic: www.xkcd.com

Riddle of the Month

Professor Merle White of the mathematics department, Professor Leslie Black of philosophy, and Jean Brown from the physics department, were lunching together.

"Isn't it remarkable," observed the one with the green shirt, "that our last names are Black, Brown and White and that one of us has black hair, one brown hair and one white."

"It is indeed," replied the person with black hair, "and have you noticed that not one of us has hair that matches their name?"

"By golly, you're right!" exclaimed Professor White.

If the person with the green shirt doesn't have brown hair, what is the color of Professor Black's hair?

The solution will be on the next loop paper.

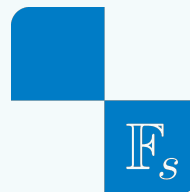
Solution to the last riddle:

z is a double-round decimal fraction of length n if and only if both $g := z \cdot 10^n$ and $\frac{1}{z} \cdot 10^n = \frac{10^{2n}}{g}$ are integers, i.e., if and only if $z = \frac{g}{10^n}$ holds for an integer divisor g of $10^{2n} = 2^{2n} \cdot 5^{2n}$. We are therefore looking for the number of positive divisors g of $2^{2n} \cdot 5^{2n}$. For the exponents, there are $2n + 1$ independent possibilities from 0 to $2n$ each, so there are $(2n + 1)^2$ double-round decimal fractions of length n .

Joke of the month

If you let a mathematician choose between a sandwich and eternal happiness, which one will they choose?

The sandwich of course! Nothing is better than eternal happiness, and a sandwich is better than nothing.



For feedback or
Q&A send a mail to
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