

# Loopaper

- Installment 07-08/23 -  
Your Fachschafts-Newsletter

## Calender

01.07. Trinerdic Tournament  
07.07. 16 s. t. Summer festival  
14.07. End of lectures

## Summer festival

Summer is here and we want to celebrate it with a summer festival together with the whole maths community. On the 7th of July, at 4 pm on the lawn behind the Maths Centre. There will be various games, popcorn and drinks at cost. There will also be a barbecue and we will provide side dishes. Please bring your own food and contribute to the salad and dessert buffet. Family and friends are also welcome!

## Wanted!

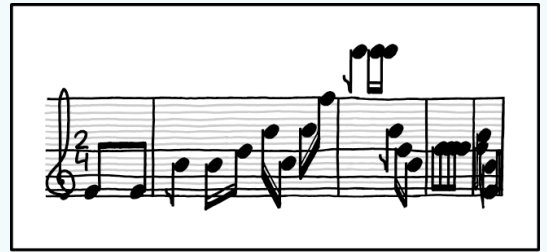
Have you written a good thesis, a portfolio for your practical teaching course or had an oral exam? If you would like to add your notes to our collection as a guide for other students, please send it to [info@fsmath.uni-bonn.de](mailto:info@fsmath.uni-bonn.de). Further information regarding minutes of examination can be found at: (Infos: [https://fsmath.uni-bonn.de/studies/exam\\_protocols.html](https://fsmath.uni-bonn.de/studies/exam_protocols.html)). Scripts – self-written or released by a lecturer – are also welcome. Also, in case you need anything feel free to visit us!

## Exams

If you have any questions or a problem arises feel free to visit us in the annex during our office hours or send us an email!



We wish you good luck for the upcoming exams!



WHEN TRANSCRIBING MUSIC, REMEMBER TO PUT FREQUENCY ON A LOG SCALE AND TIME ON A LINEAR ONE, NOT THE OTHER WAY AROUND.

Credit: [xkcd.com/2788](https://xkcd.com/2788)

## Riddle of the month

Marc has 25 rolls of toilet paper and is bored. So Marc comes up with the idea of winding all the toilet paper onto one roll. 12 rolls later he measures the radius of the resulting roll and notes the result. After the 17th roll he also measures it and finds that the radius of the large roll has increased by 3 cm. Finally, he measures a third time and finds that the radius has grown by another 4 cm. Find the inner and outer radius of a single roll of toilet paper.

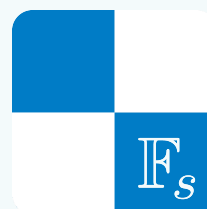
The solution will be on the next loopaper.

### Solution to last months riddle:

If Constantin lights the first string at one end and the second string at both ends. When one string has burnt down, he lights the other end of the first string, a  $\frac{3}{4}$  of hour will have passed when the first string has also burnt down.



Figure 1: Your Fachschafts-mascot



For feedback,  
Q&A mail to  
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