

The Game Night

who will get the lowest score ?



Young Topologists Meeting

University of Copenhagen

Trivia

Trivial : rules

Live questions, be fast !

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This is just a warm-up.

Are you ready ?

3

2

1

Question 1.

Who introduced the notion of *topological space* ?



Felix Hausdorff was the first to use the term *topological space* in 1914, *Grundzüge der Mengenlehre*.

The term *topology* had already been used by Johann Benedict Listing between 1837 and 1847, date where he first used the word in a book.

Are you ready ?

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Question 2.

Which mountains did Grothendieck live close to before his death ?



Grothendieck was peacefully staying at Lasserre, a little village with about 200 inhabitants in the *Pyrrénées*, France.

Are you ready ?

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Question 3.

Peter May spent "a week thinking about nothing else", when trying to coin a name for a certain mathematical object. What it is ?

Operad !

Are you ready ?

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Question 4.

Which topologist has a picture where they are carried by Grothendieck ?



Michel Atiyah!

Are you ready ?

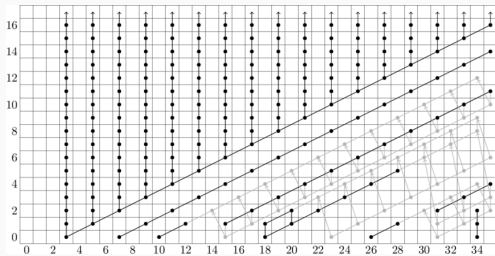
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Question 5.

Which object allegedly "strikes fear into the heart of many hardened mathematicians" ?



Spectral sequences !

Are you ready ?

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Question 6.

What name did Poincaré originally give to topology ?

JOURNAL
DE
L'ÉCOLE POLYTECHNIQUE.

ANALYSIS SITUS;

PAR M. H. POINCARÉ.

INTRODUCTION.

La Géométrie à n dimensions a un objet réel; personne n'en doute aujourd'hui. Les êtres de l'hyperespace sont susceptibles de définitions précises comme ceux de l'espace ordinaire, et si nous ne pouvons nous les représenter, nous pouvons les concevoir et les étudier. Si donc, par exemple, la Mécanique à plus de trois dimensions doit être condamnée comme dépourvue de tout objet, il n'en est pas de même de l'Hypergéométrie.

La Géométrie, en effet, n'a pas pour unique raison d'être la description immédiate des corps qui tombent sous nos sens; elle est avant tout l'étude analytique d'un groupe; rien n'empêche, par conséquent, d'aborder d'autres groupes analogues et plus généraux.

Mais pourquoi, dirait-on, ne pas conserver le langage analytique et le remplacer par un langage géométrique, qui perd tous ses avantages dès que les sens ne peuvent plus intervenir. C'est que ce langage nouveau est plus concis; c'est ensuite que l'analogie avec la Géométrie ordinaire peut créer des associations d'idées fécondes et suggérer des généralisations utiles.

J. E. P., n° 8, (C. n° 1).



Analysis situs.

Are you ready ?

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Question 7.

What does the term E_∞ stand for ?

Homotopy everything

Are you ready ?

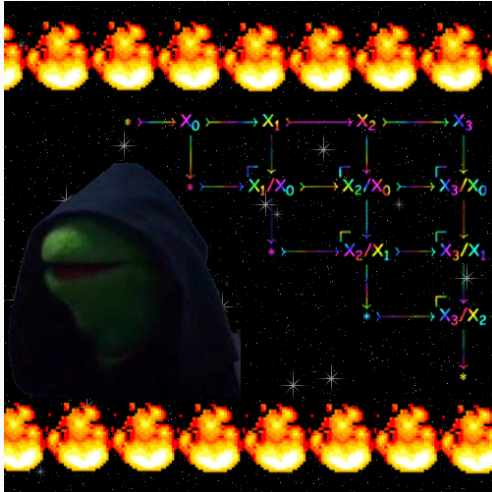
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Question 8.

What is the complete name, "Derived memes for [...]" ?



Derived memes for spectral schemes.

Let's be competitive now.

Make a team

You now have one minute to make 10 teams, and to find a name to your team.

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Make a team

You now have one minute to make 10 teams, and to find a name to your team.

Trick: want to win ? Gather with fellow mathematicians from *different* fields than you.

Let's play ?

Ready ?

Anagrams

Anagrams : rules

You will have two solve some juicy math-related anagrams.

- take a piece of paper and a pen, and write your team name on it

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- try to find as much as possible !

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- take a piece of paper and a pen, and write your team name on it
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3

2

1

Anagrams

1. Balsamic pesto duel
2. Escargot microbody
3. Poisoning omelet got gutsy
4. Quebec refines
5. Balance license pre-game
6. Mr Ghost, you poop
7. Try Waterloo
8. Chips overtime
9. Heavy pro eigenfunctions
10. Poets caricature survival
11. End mayo meal
12. By, I go at alcohol limits
13. I smile at clips
14. I loop Thom comity

Estimathon
