

## D. School 141

### Chapter 141 - Closing speech

What qualifications does he have for this job? There was a sudden commotion from the audience, not to mention his seniority. The subject of this report was the Poincaré conjecture. Shouldn't a senior with a long experience come to power to evaluate his achievements? What does he mean by going up now? Are you a player and then a referee?

Seeing the response of the audience, Professor Zhang couldn't help worrying about it. The original manuscript he was going to speak was a bit shocking. Now that he encounters this kind of scene again, wouldn't it cause errors due to tension?

Academician Qiao and others are in a better situation. Although they only verified the tip of the iceberg in this manuscript, since that part is feasible, it proves that this manuscript is indeed valuable. As long as it is valuable, it is not afraid of other people's doubts. . ↑

Grothendieck looked at Lv Qiujian blankly on the stage, ignoring the eyes cast from all directions. Those who tried to get information from his expression were destined to be disappointed.

"Today is the last day of the meeting. I do n't want to continue talking about Poincaré's conjecture here. After all, it is a thing of the past!" Lu Qiujian's voice was still calm, as if not affected by the commotion on the ground. For four weeks, when the listeners calmed down again, they opened the explosive topic with a soothing tone. "Let's talk about the future of mathematics!"

The core of the speech came out, and the frypot was on the spot! The commotion broke ten times more powerful than before, and some emotional mathematicians even blushed! Who does he think he is! It's enough to give a speech at the closing ceremony. Could it be that he was so proud that the Poincaré conjecture was solved? A 20-year-old boy dare to talk about such a major topic? This is what Hilbert was qualified to do!

In 1900, the 38-year-old Hilbert was already the head of the World Mathematics Research Center. His position in the mathematics world was like Einstein to the physics world, and Zhang Sanfeng to the martial arts; so he was eligible to At the Second International Conference of Mathematicians, 23 questions were raised, and these 23 questions covered a wide range of topics. The research on these 23 questions has effectively promoted the development of various branches of mathematics.

In the words of Hermann-Weil came to say "this is an aeronautical chart", in the past fifty years. "We mathematicians often measure our progress according to this chart."

And after him, some people tried to point out the way forward for the future of mathematics like him. Smeer in 1998 imitated Hilbert and asked 18 questions, but did not cause much sensation; because although he was a Philippine The winner of the Erz Award, but the status of the rivers and lakes can not be comparable to Hilbert.

The seven millennium problems of the Clay Institute also have the meaning of imitating Hilbert, but those seven problems already existed, and were not summed up by a digital scientist himself.

The winner of the Fields Medal in 66, the author of “Mathematics of the 20th Century” Michael Attia, he completed one of the most important mathematical achievements of the 20th century in complex geometry, functional analysis, and theoretical physics. The profoundly applied Attia-Singh index theorem also pointed out in a speech that the 21st century is an era of quantum mathematics or infinite dimensions.

Among those who try to name the way for mathematics. The names that listeners can remember for the time being are these few things that they did not do. Why did Lu Qiujian think he could do it?

Lu Qiujian is now only 20 years old, what qualifications can he compare with these famous mathematicians for decades? Isn't it too much? Well, we admit his strength in low-dimensional topology, but the ocean of mathematics is really too broad, and the age of twenty is not even enough for him to listen to the names of these mathematics branches.

“First of all, I agree with Sir Michael Attia's view that quantum algorithms will indeed become an important branch of mathematics in the 21st century; but his description is too general, and I think that to solve the problems of quantum algorithms. It must be solved first ... For this point, I think it can be achieved by completing... It should be noted that Academician Qiao of Peking University has used supercomputers to achieve a certain breakthrough in quantum algorithms through this theory! “Having said that, they are finally quiet Down, temporarily put aside Lu Qiujian's identity. Listen to the theories in other lectures!

“Secondly, at present, the academic community regards strong interaction force, weak interaction force, electromagnetic force and all particles as the dynamic results of delicate geometric structures such as Li Qun, but it is still not enough to provide a solid mathematical support for unified field theory! It may be the ultimate explanation of the world, but it may not be the above-mentioned method. Compared with Li Qun, the following methods may be more feasible ... “

“About the system of partial differential equations of macro general relativity, we have not found his solution so far; if we start from these perspectives, we may gain something ...”

“Looking back over the past 100 years, the ancient problems of set theory have always been explained by deep answers. The intermittent darkness has always been conquered by the emergence of new ideas, but the future of set theory will usher in a bright future ... .. “

“Classic mechanics is inseparable from the representation of the Galileo group, and the theory of relativity is inseparable from the representation of the Poincaré and Lorentz groups. The infinitesimal momentum / angular momentum operator structure in quantum mechanics involves the Li group, and the interaction in the standard model involves  $su(n)$  ... “

One question after another was raised by Lu Qiuqian. These questions have long been the focus of mathematicians' research, or they have been abandoned in the corners of the mathematics hall and covered with a thick layer of dust, but at this moment they were promoted to the same level by Lu Qiuqian. The important position comes up; it describes in depth how much they will change the whole world.

In Lu Qiuqian's description, as long as these problems are solved, then human science and technology is about to usher in another revolutionary breakthrough. By that time, human understanding of the universe will be more in-depth ...

And he not only raised the problem, but also provided a number of ways to solve the problem. Of course, the correctness of these paths still needs countless mathematicians to verify.

May still be questioning, maybe not believing in the prospect described by Lu Qiuqian, but the problems and the roads indicated behind the problems attracted them to calmly listen to it, to remember it, to think about it.

Two hours passed quickly, and Lu Qiuqian's speech finished the last question. A total of ten general directions were placed in front of these mathematicians.

After Lu Qiuqian put up his speech and finished his speech, the scene was still quiet; it was not until five minutes later that they woke up from the shock, and the audience suddenly exploded like hot oil in cold water!

Chapter 142 - 1 slice of uproar

At the end of Lu Qiuqian's speech, Xiaoyue applauded like a reflex, but she clapped several times to find that she seemed to be the only one applauding in the entire lecture hall; she listened apprehensively and looked around. His mouth widened in surprise, and he stared at the familiar and strange figure on the stage. 【】

“What’s wrong with this?” Those who are not in the Department of Mathematics simply couldn’t understand the significance of Lu Qiujian’s speech. Xiaoyue turned to Xu Ye for help. Xiaoyue pulled his arm several times before he reacted. When Xu Ye looked blank, Xiaoyue asked again, “What the \*\*\*\* happened? Why no one applauded?”

“The content of this speech is too ... too surprising!” It was easy for Xu Ye to find a suitable word.

“Is he right?”

“I don’t know!” Xu Ye smiled bitterly, and now he can’t do the exercises that he understands with his roommate’s speech, which makes him feel very shocked. “He is describing the future of mathematical development!”

“What’s wrong with this?” Xiaoyue still didn’t understand.

“He wanted to be a martial arts leader!” Xu Ye said with emotion, “A twenty-year-old young man is now on stage telling these well-known scholars how they will develop mathematics. Which direction should I work towards! “

“Are you from a foreign language department?” Seeing her face is still confused, Xu Ye said after receiving a positive answer, “This is equivalent to you now giving a speech at the International Translators Union Conference, telling the old translators, Translation should be carried out according to your newly established standards. What will happen? “

“How can I have that qualification!” Xiao Yue seemed to be scared by Xu Ye’s metaphor, twisting her body uncomfortably on the seat, and now she understood Lu Qiujian’s present situation.

Lu Qiujian’s current actions are whimsical when they are good to say; they are not self-explanatory when they are not good; only Grothendieck is qualified to do what is planned for the future of mathematics development, and even the rest is Wiles , De Ligne are all very far away, not to mention that he has just emerged in the mathematical world.

“Do you know what you are talking about! When is the future direction of the mathematics world to define it for you!” After the shock, someone finally woke up.

“Isn’t the direction of the development of the mathematics should go in the right direction?” Not equivalent to translation, Lu Qiujian answered directly in German.

“Are you sure that what you said is correct?” Someone stood up and retorted.

“If you find my mistake, then please clearly point out!” Lu Qiujian is neither humble nor overbearing.

“Your speech just now involved twenty-three important branches of mathematics. How old are you now? Even if you have studied mathematics since you were born, I am afraid that you will not be able to study these branches thoroughly! What you have done now It ’s just a sensation! It ’s an insult to the entire mathematics world! ”The smell of gunpowder became stronger and stronger.

“Don’t think that you can’t do anything you can’t do!” Lv Qiujian was tit-for-tat, he refused to give in at all, he emphasized again. “If you have any objections to my speech itself, please state your reasons. If you will only carry out personal attacks like this, it can only show that your character is wrong!”

His refutation did not intimidate others at all. A mathematician stood up to refute; do not think that the mathematics world is a bit peaceful. The struggle here is also very cruel; as far back as ancient Greece, Hippassos discovered that the ratio of the right-angled side to the hypotenuse of an isosceles right triangle is not a rational number. By comparison, the Pythagorean School! Although he was a Pythagorean disciple and did not escape the persecution of the Pythagoras, he was thrown into the sea and drowned by the Pythagoreans during a voyage.

The brutal struggle of mathematicians can be seen. Although it is unlikely to be life-threatening today, so many people can gather their strength to defeat a newcomer in the mathematics.

People who are familiar with Lu Qiujian, such as Thurston, Professor Nan, etc. do not understand why Lu Qiujian did this. Although they did not get up to refute, they did not dare to stand up and speak for him, because There are still doubts about Lu Qiujian’s outlook. Secondly, even with the influence of Princeton, it cannot withstand attacks from the entire mathematical community.

Professor Zhang and the principal looked at each other. They had a hunch that Lv Qiujian’s speech would not be calm at the end, but did not expect that the reaction of the mathematics community would be so great! They turned to Academician Qiao for help.

Academician Qiao slowly stood up, walked to the stage, took out a computer with a USB flash drive inserted into the lecture platform, called up the achievements made by Lu Qiujiang's speech before, when the first page of information was on the projection screen. When it was shown on the screen, he took the microphone, "This is a bit of the result I made based on Lu Qiujiang's speech, please check it; a few days ago, I used a supercomputer to mention the formula in the first question was checked. The results prove that this method has a great effect on quantum algorithms ... "

The noise gradually subsided. People temporarily buried their dissatisfaction in their hearts, looking at the lines of numbers on the projection screen, and some were disdainful. Some thoughtfully, some opened their mouths slightly and seemed to think of something wonderful ...

There are not many pages in the process and results of this calculation. Academician Qiao spent ten minutes to show all the contents, and then stood beside Lu Qiujiang and watched them quietly.

"The success of a single case does not mean that everything is correct!" After a moment of silence, someone began to refute, mathematically speaking, this sentence is indeed no problem.

"But it is wrong to directly refute other people's views without finding any loopholes. Is there no problem with this approach?" Academician Qiao began to help Lu Qiujiang.

"Who knows if your data is prepared in advance?"

"Principles and processes have been clearly written on it! You can test it yourself!"

"A grand gathering finally became a farce!" Some people shook their heads and felt sorry for Lu Qiujiang.

"Young man, you are too impatient!" Someone kindly persuaded.

"A ridiculous speech! This is just an arrogant dream whisper!" Even more people still uphold the previous point of view and attack Lu Qiujiang.

Just as there was an uproar in the audience, Grothendieck stood up tremblingly, walked to the stage under the support of Deligne, staring at the people overlooking the crowd, and under the shock of his great prestige, the venue slowly quieted.

## Chapter 143 - Young eagle spreads its wings

“Is this what the mathematics world looks like now?” Grothendieck is now seventy-five years old. There is no way to yell like a young man like him, but as long as he stands on the stage, the following People don’t think they close their mouths; the weak voice reaches their ears but they are shocked like a thunderstorm. 【】

Mr. Grothendieck supports Lu Qiujiang’s speech? So did I take the liberty just now? This is their first reaction, and this is Grothendieck ’s enormous influence in the mathematics. Even if he has been out of the mathematics for more than a decade, the long-term accumulated prestige makes them think about Grothendieck. Consider carefully.

Hey, it really is a question of seniority! Lu Qiujiang sighed secretly in his heart, but he did n’t utter these words, but he could n’t compare to Grothendieck ’s rhetorical question; Planned.

“What do you think is the absurdity of this speech?” Grothendieck’s eyes widened and he patted the podium, saying like a stern teacher training indisputable students; of course at least half of them had read it Grothendieck ’s book does not seem to be an exaggeration to call him a teacher, “Just because you are proposing these are a young man, has your eyes been blinded by anger and jealousy and you cannot see the truth?”

“Mr. Grothendieck, are you saying that the content of these speeches is correct?” After a long training, someone finally got up and asked.

“It is up to you to judge whether it is correct or not to ask me this old man who has retired for many years!” Of course he has been away from the mathematics for too long, and he does not know many frontier issues, but his residual intuition tells For himself, the ten questions raised by Lu Qiujiang do have their reasonable side, otherwise he will not come out to support Lu Qiujiang.

Grothendieck supported Lu Qiujiang, these people finally put away their prejudice temporarily, began to face up to this speech, and slowly pondered the parts of these problems related to their own research. Then they were surprised to find that if they studied in the direction indicated by Lu Qiujiang’s speech. It will indeed bring tremendous changes to the entire mathematical community. And as far as the problems themselves are concerned, there seems to be no big faults for a while.

“Mr. Lu, on the third question, I have some questions here ...” Some sharp-minded people have already come up with something and started asking questions.

“I have considered this issue before. However, no in-depth research has been carried out, but I think it seems more appropriate to start from ...” Lv Qiujian also recovered his calm and began an orderly answer.

The man sat down thoughtfully after receiving the reply, and then someone raised his hand to start asking questions; only then did Professor Zhang and the principal give a sigh of relief. At least the current crisis is considered to have passed temporarily. Fortunately, Grothendieck was present. If it were not for him to admire Lv Qiujian, I am afraid that no one can make the venue calm.

After answering a few more questions, Lv Qiujian stopped answering the question soon, and he pressed his hands down to signal everyone to be quiet; from Grothendieck to the stage, to Lu Qiujian smoothly answered a series of questions, and then associate The day before yesterday, it was this man who made the report to decipher Poincaré’s conjecture, and everyone finally temporarily changed his prejudice against Lu Qiujian’s age and treated him as a real mathematician.

“About these ten questions, I have raised 10 million US dollars. I plan to set up a fund, like the seven thousand-year questions of the Cray Mathematics Institute, which will reward mathematicians who crack these ten questions! Each question is a million dollars! “Lu Qiujian turned his attention to the principal,” I don’t know if Beijing Normal University will manage this part of the funds and review the results of the mathematicians? ” To complete this job, Lu Qiujian wanted to use the resources of Beijing Normal University.

How can such a good thing be rejected! The principal looked at Lu Qiujian’s eyes more sympathetically. Such students not only won glory for the school academically, but also willing to use the money they raised to increase the prestige of the school. It is really difficult to find a lantern! He quickly got up. “Beijing Normal University is willing to make a slight contribution to the development of world mathematics!” Of course, he knew that this kind of good thing should involve more people to participate in, “Later, Beijing Normal University will draw up a list of audit committees, Issue invitation letters to join the audit committee, I hope you will not refuse! “

There was a discussion among the crowd. They usually do researches lest the funding is not enough, and like Lu Qiujian, they will still send the money they get back, and they are more and more interested in the reliability of the content of this speech.

“I will send this money to a special account of Peking University later!” Of course, the money was paid by myself, but I will definitely find someone else to come over it before, whether it is Jason or travel that I have worked with before. Simmons I met on the way were all candidates.

The head nodded and agreed to come down. At the same time, I was wondering how to name the award. If the donor has no special requirements, can Beijing Normal University also spend a sum of money to participate in the fund to obtain this naming rights?

The meeting came to an end here. After the president's speech on the stage, the mathematicians slowly dispersed; Lu Qiuqian's side was once again surrounded by the crowd.

"Hey, what do you want me to say to you? If Grotendick is not here today, I don't know what the situation will be like? Will it be the next time?" Professor Nan asked with concern.

"What about that? Lu, don't care about the thoughts of ordinary people! As long as it is the right thing, you should stick to it!" Dyson said unkindly, he looked at Lu Qiuqian sincerely, "I seem to see A young eagle is spreading its wings! "

Reminiscent of when he was in Princeton, Dyson lost a bet on the bird and frog speech at that banquet. Lu Qiuqian made waves in his heart, and he finally got the approval of these top scientists. He did not make such a big effort. !

"Regarding the system of partial differential equations of general relativity, your point has inspired me a lot!" Edward Witten also came over. Among all the experts at the meeting, I am afraid he is the one who knows the most about physics? "By the way, do you now think about where to go after graduation?"

"It's probably Europe!" Lu Qiuqian smiled, "Maybe we will meet again at that time!"

#### Chapter 144 - Interview

The meeting ended in this way. After experiencing the exciting first day and the second day full of surprises, the third day ushered in a big earthquake, which caused some mathematicians to fail to respond.

Fortunately, with Grothendieck present, the situation was temporarily controlled. No matter what attitude they took towards Lu Qiuqian's speech, at least they left a deep impression on them. It must have been intentionally or unintentionally in the subsequent research. Will consider those issues and their own research directions.

This is precisely the purpose of Lu Qiuqian. Although he may solve these problems by himself, it may be too time-consuming, and if he can concentrate the power of mathematicians around the world, plus his own efforts to complete this The goal will be much faster! It only cost ten million dollars for this, it is really worth it!

Of course, he also did some work in the setting of the problem. These ten problems are the prerequisites for completing his own plan. Only when these ten problems are solved can he complete his plan. Of course, these are just equivalent to creating a handy tool. To implement the plan, you still need to rely on physics, which is why he plans to switch to a major after graduation.

Richard Feynman, one of the most important theoretical physicists after Einstein, once said: Mathematics is to physics, just like hand / \*\*\*\*\* and \*\*\*\*\* / love; Rely on physics.

Of course, there is still a period of time before applying to the school. The most important job for me now is to take advantage of the last time of college undergraduate to advance the development of mathematics as soon as possible. Using Feynman's brain groove to come back to explain, it's really after a lot. Will not be at a loss.

After the meeting, some people hurriedly embarked on the return journey before they could attend the dinner; some people planned to leave the next day, and of course some people chose to stay because the problems that Lu Qiuqian really scratched their itch.

For those who want to leave, they will be escorted to the airport by a special car from Beijing Normal University. After the natural accommodation is left, they will make room for exchange in the office building of the Mathematics Department after relocating their accommodation; of course, they will also be noble to a certain position. Experts invited the lecture.

As for media promotion, whether it is a newspaper reader or a TV audience. Compared to Poincaré's conjecture itself, they are more concerned about the Fields Prize.

After 20 or 30 years of opening up, China's economy has developed rapidly, and the country's status and people's self-confidence have been continuously improved; economically, China's total GDP has ranked sixth in the world. France, which is fifth, is also very close, and perhaps has hopes of surpassing it this year; in sports, the medal list of the last Olympic Games also ranked third.

It's just that China still hasn't won a heavyweight medal in science. This inevitably makes Chinese people feel sorry. In their words, the national football team has entered the World Cup. Why can't you even get a Nobel?

Now Lu Qiuqian has won the Fields Medal, which is known as the "Nobel Prize in Mathematics." How can they be dissatisfied with expectation; perhaps the only regret is that the Fields Medal is a

four-year plan, last time It was just issued last year, and it will be two years later for the next award, which makes them a bit too late.

Lu Qiujian became a hot spot in the media for a while. The court station not only made a special program for this report, but even gave a one-minute report on the seven-point news program; other newspapers and the Internet began. After overwhelming publicity, the readers were interpreted the status and history of the Fields Medal, looking for experts to explain the great significance of Poincaré 's conjecture and the reason for the award, and Lu Qiujian 's personal public information was dug by them. net. From the full score of the first primary school test to the math score of more than 140 in the college entrance examination, of course, the news of the college entrance examination also caused netizens to spit for a while. Even such a powerful mathematician could not reach the full score. Difficult?

However, this is the achievement of Lu Qiujian's original master, and he is helpless; then the invitations for the exclusive interview flew from all directions. In anticipation of the school, he chose the court to cooperate. Others all claimed that they had no time to study hard. And sorry to refuse. This caused dissatisfaction in countless media, saying that his argument of playing big names began to spread.

According to the agreed time, the reporter of the court court came to Beijing Normal University. Li Xiao, an old acquaintance who met before in the United States, is also in the team, but this time he can only play a supporting role.

The interview place was selected in an office of the Department of Mathematics. In this interview, Lu Qiujian was a famous beautiful host. The audience commented that her program is full of intellectual beauty and humanistic care.

Two words of greeting. After the cameraman commissioned the equipment, the interview officially began, "First of all, congratulations on your great achievements in cracking the Poincaré conjecture!"

"Thank you!" Lu Qiujian has encountered too many congratulations during this time, "I just broke a window paper on the basis of my predecessors!"

"You are too humble!" The host smiled professionally Mr. Lu, I believe that many audiences are as curious as me. When did you first become interested in mathematics? "

Lu Qiujian closed his eyes and thought for a while. "Probably when I first learned to speak, my mother taught me to count. At that time, I learned very fast, so I got a lot of candy rewards; this

gave me a hint that mathematics is a very sweet thing. In the future, I became interested in mathematics. “

“It seems that you have a good mother, so would your parents expect you to become a mathematician?”

Lu Qiujian shook his head, “No, according to their plan for me, I hope I can successfully complete the university studies, and then return to my hometown, work in the old factory where they have been for decades, and become a respectable Engineer, then marry and have children next to them, and live a stable and happy life! “This is also what most people in their factory expect from their children, but with the decline of the factory, no one thinks so now.

“Although you did not follow their plan, your achievements today will certainly make them proud!” Complimenting the host asked another question that the audience is very concerned about, “I have watched the video of the game you are in The level of basketball is really amazing. Even if it expands to the whole world, there are not many geniuses like you who have reached the top level in multiple fields at the same time! “

“I don’t like the name genius, which makes me feel that my efforts are meaningless!” Lu Qiujian made a joke.

Chapter 145 - Lu Qiujian studied mathematics

“And in history, there have been many examples of achievements in science and sports. Like Danish physicist Niels Bohr, in addition to the huge achievements in quantum mechanics, he is also the goalkeeper of the Danish ab team; The American physicist Chance even won the Olympic gold medal! “

“Speaking of the Olympics, next year will be the new Olympics! There is a high domestic demand for you to join the men’s basketball to participate in the Olympics. Are you planning to participate in this grand event?” The host asked a question that everyone cares about. 【】

“I’m afraid I don’t have time!” Lv Qiujian shook his head clearly and refused this time. After this report, the mathematics community still doubted their predictions. Only by making some achievements in a short time can they reverse their stubbornness. In addition to this, it takes time to apply for schools, graduation thesis, etc. I am afraid that the Olympics will have no time to go. “This meeting has brought me a lot of inspiration. I want to make more achievements as soon as possible!”

“Participating in the Olympic Games to win glory for the country is almost everyone’s dream, why don’t you want to participate?” The host still did not give up.

“There is more than one way to win glory for the country. I can also contribute to the country mathematically!” Lv Qiujian actually wanted to say that nowadays, China no longer needs to use Olympic gold medals to stimulate national pride, but I don’t think The right did not say it.

After asking a few personal questions, the host began to turn the topic to the current mathematics education. “How do you see the call for weakening the difficulty of mathematics in the compulsory education stage? Now many people think that there is a lot of mathematics knowledge at this stage. Things that have no use value, such as the common water intake and discharge problems common in elementary schools? “

“In fact, this problem can be regarded as an economic problem. If the pool capacity is viewed as the total investment, the inflow is treated as cash inflow, and the drain is treated as cash outflow. How long will it be filled in the financial management is the static recovery period of the investment .. .... But telling the pupils that the water in the pool must be more image than the payback period! This mathematical method is so small that the family accumulates funds to buy a house, the middle to the company operates, and the country ’s financial balance can be used! How can it be? Said there is no use value? “Lu Qiujian retorted,” In fact, the application of mathematics is everywhere, but most of the time people don’t realize it! “

“The mathematics difficulty of Kemiguo Middle School is so much lower than ours. But the mathematics research of Miguo is still the first in the world! Does this mean that the mathematics before the university is not so heavy?” It ’s a matter of superior systems in the rice country.

“Who tells you that Miguo Middle School’s mathematics difficulty is lower than ours?” Her tone reminded Lu Qiujian of the internet public encounters encountered in the previous life. “Miguo Middle School’s curriculum is not shallow, but wide! It is also mathematics. Yes It is easier to take classes that are much easier than ours. There are also high-end classes for students with strong learning abilities. Wherever high school begins to learn calculus and other university mathematics content, those students use calculus to be like ours. It ’s just as easy for students to do the four operations! Our high school mathematics is of uniform difficulty, and the poor learning ca n’t keep up. The good learning is not enough! ”

However, it is not easy to change this situation. At first, such a difficulty level will increase a lot of education expenses. Secondly, I am afraid that parents do not agree. Why can someone else ’s children learn advanced things, their own children? Can only learn the simplest things? Can the school tell these parents, will your child be clumsy?

“Then we can also take this kind of ...” When she said half of it, she signaled the cameraman to delete this paragraph. It was estimated that she also thought of something, and asked other questions instead. Half an hour later Almost all the questions in the interview outline have been asked. The host packed his things with satisfaction and prepared to leave.

When she was leaving, she seemed to be suddenly inspired. She turned around and asked, “Mr. Lu, I have talked with you about so many math problems today. Even my liberal arts student is interested in math. I do n’t know if you are interested in making one Math program? “

“Oh? Do you mean something similar to popular science programs?” The idea seems to be good! If you pass on your opinions subtly through a TV program, it is not a small gain. If you can inspire more people to like math, it will be of great benefit to your plan in the future!

The host also asked casually, seeing Lu Qiuqian, who had rarely dealt with the media, seemed to be very interested, and suddenly came to the spirit. Go back to the house and sit down, and discuss with Lu Qiuqian in detail.

“After hearing so much from you, I can’t wait to see your program right away! I will report back to the leader when I go back, and the probability of passing is estimated to be high!” The host said the second time. This handshake is obviously much more enthusiastic than last time. If this plan can be passed, it will be of great benefit to your career.

After the host left, Lu Qiuqian was thinking about how to make a program in the house. Since it is a popular science program It must be fun and entertaining at first. Pass the knowledge points to the audience on the TV in a simple way.

Fortunately, I have watched one or two teaching videos of “Khan Academy”. The lecture style of Salman-Khan just meets his requirements, and it can be completed with slight modifications on this basis.

That’s it! Most of Khan ’s videos only appear on a blackboard, without the need for a real person to appear, and the shooting is not difficult at all, even without a professional cameraman, you can record at any time with a set of equipment at home; this saves the school The time spent running back and forth between TV stations and spending an hour every day to successfully complete the program is really suitable for his needs!

Where the host’s application was quickly approved, such a famous mathematician Ken and his own TV station to co-produce popular science programs, it is simply a matter of desperation.

But when she heard Lu Qiujian's plan, she became embarrassed again. The popular science program in Taiwan was not this routine! And it seems that there are no programs of this style abroad, so I am afraid it is difficult to pass?

"I recorded two samples of this, would you like to take it back to see it first?" Lv Qiujian had already prepared and took out the USB disk and handed it over.

When I saw Lu Qiujian's own samples recorded in dv in the stage, all doubts soon disappeared.

Taili installed special equipment in the room built by Lu Qiu, and let him play by himself. After five samples, the program was officially launched on the science and education channel. The name of the program was called "Learning Mathematics with Lu Qiu Jian"!

#### Chapter 146 - Audience reaction

Zhang Yunfan is a surgeon. His wife is a researcher at the institute. Both of them are high IQ people. They thought that using their genetic genes, the children born would be very smart. 【】

When the child was young, whether it was learning to speak or counting, it was indeed much faster than the children of other families, which made his husband and wife extremely happy; but when the child went to school, the results were not as good as expected.

This caused a great psychological gap between the two of them. It was like a street writer dreaming at night that someone was rewarding the leader. When he woke up and saw it, it was the same as the ten starting coins.

Especially in mathematics, they basically fail each exam, which makes them both anxious; but whether they teach themselves or ask tutors, they can't stimulate their children's enthusiasm for math. Outside of the wandering sky, I didn't listen at all.

After they thought of various ways, they didn't play a big role; just when they were depressed, they saw Lu Qiujian's exclusive interview and program preview at the court station, so they put hope on it. ; Thinking that our teaching will not be good, and see if this Princeton phd's teaching program that cracked Poincaré's conjecture can arouse children's interest.

At 8:30 in the evening, the program of Chaoting Channel Science and Education Channel, "Learning Mathematics with Lu Qiu" was about to start; Zhang Yunfan, who went home with his colleagues to watch TV with his children, and Zhang Yichi, a child in junior high school, sat on the

sofa. “Son, this issue You can have a good look at the program. The presenter is one of the most powerful mathematicians in our country. “

Zhang Yichi looked listless and muttered in his mouth, “Dad, I heard about this person!”

“Oh? What did you hear about him?” Zhang Yunfan was pleasantly surprised for a while. If the child had heard of Lu Qiujian, maybe he could listen to this course!

“I heard that he is playing basketball very well!” Zhang Yichi said of this sudden blink of his eyes, “If he said online that if he participates in this year’s nba draft, the champion will have nothing to do with James!”

“Well, the course is about to start, let’s watch TV first!” Zhang Yunfan wiped a sweat. 【】 Hey, this kid would like to divide his interest in sports into one-tenth of his study.

The title flashed, and the image of the presenter did not appear on the TV screen like a general lecture program, but just a blackboard. Then click the mouse and a question appears in the middle of the blackboard.

Then Lu Qiujian’s voice sounded, “You can see that this is a multiple choice question, the main test is everyone’s deductive reasoning ability! What is deductive reasoning, deductive reasoning is I give you some statements. Then everyone from these statements Deduces some necessarily correct results! Let me give an example! I said the first condition is that the boys are taller, and the second condition is that Xiaoming is a boy, then we can deduce that Xiaoming is taller! This It is a correct process of deductive reasoning! Let ’s look at this topic ... “

There is no exaggerated language action, no fancy speech, but it is such a simple process, but Lu Qiujian can express it in plain and plain language, even a child with a poor mathematical foundation like Zhang Yichi can understand what he is talking about what.

The first practice question about parallel lines ended quickly. Zhang Yunfan turned around and asked his son, “How? Did you understand?”

“I understand a little bit!” Zhang Yichi nodded, not having the boredom and dislike of mathematics before. “He speaks better than our teacher!”

“Haha, that’s for sure. People don’t know that their math level is higher than your teacher. I told you ...” Zhang Yunfan laughed happily.

“Dad, don’t talk, the next question will begin immediately!” The son was mercilessly interrupted before the words were finished.

Okay, I do n’t speak, as long as you are willing to watch, let me do anything! Zhang Yunfan quickly covered his mouth,

Lv Qiujian’s program is not very long. Two or three examples are used to describe one or two knowledge points in each issue. After watching it, it would look like about ten minutes, which made them both feel a little bit unsatisfied.

“Huh, this show is a little short!” Zhang Yunfan said with a lip, but he did find something different from the show. Lu Qiujian didn’t just tell them the knowledge points in the program, but more importantly, cultivate students’ correct way of thinking in mathematics. If you learn this way of thinking, then learning mathematics will be a multiplier thing.

“It’s not too short, it’s good!” Zhang Yichi’s eyes gleamed, “Our teacher will talk about this kind of knowledge in one class. But it’s not as easy to understand as he said!”

“Just like it, let’s continue to watch this show together tomorrow night!” Zhang Yunfan’s mood is now very good, and he hasn’t thought about letting a TV show solve it.

After appeasing the child, I immediately called my overtime wife, and there was a surprise yell there for a while, screaming that she would say nothing to work overtime tomorrow, and you should go home to accompany them anyway!

A similar situation happened in many students’ families. When Zhang Yichi arrived at school the next day, he found that many students were discussing yesterday’s program.

The students discussed enthusiastically, and parents also called to tell their relatives and friends about this news; when the second episode began The ratings survey of Chaoting Channel showed that » The ratings have increased significantly.

By the beginning of the third period, the ratings had risen again than the second period, and it had been rising for more than ten days before it stabilized. A small teaching program, the ratings even

exceeded many old gold programs, which surprised the court. , Hastened to increase Lu Qiuqian's remuneration, and wondered whether to increase the time of the show, and then increase the income of some more discs.

In addition to refusing to increase the length of the show, Lu Qiuqian simply agreed to other conditions; no matter whether it was a disc or uploading the show to the official website of the court, he did not make too many requests. I didn't want to get much benefit from here, and spreading knowledge is the most important thing.

At the same time, there is an advantage in doing so, that is, you can increase your popularity and brush up your reputation again; Hawking's physics achievements are not necessarily better than Yang Zhenning and Witten, but his popularity is much higher than these two. The important reason is the role of several undergraduate books in "A Brief History of Time" and "The Universe in the Shell".

#### Chapter 147 - Target cern

In addition, Hawking also participated in the shooting of "The Big Bang Theory" and recorded music with the old rock band Pink Floyd. These behaviors made him often appear in public vision; Experience makes it easy for those who do not have a deep understanding of the scientific community to think that he is the top scientist in the world.

This also provided great help for Hawking to seek funding and promote his academic thoughts; think about it, when the academic level is similar, Hawking and someone who has not heard your name come to spread your own Doctrine, who would you believe?

Lu Qiuqian is now more well-known among the people in China than academicians such as academician Qiao. In addition to Poincaré's conjecture, it is inseparable from the hype about him by major sports media; but this is not enough, so He only recorded such a show. If he waited until his status in Chinese people's mind was about the same as that of Hawking, whether he set up his own laboratory or application fee, his own popularity would play a big role.

Of course, it would be better if the Fields Medal was won at the International Mathematician Conference two years later! The winner of the first heavyweight natural science award in Huaguo, this title will give him a layer of aura of glory; with this thing, it is enough to ignore the bad habits of seniority and let yourself be in Huaguo Science. The world becomes the existence of the wind and the rain.

For the above reasons, Lu Qiuqian took extra care when producing the program, trying to make more people understand and like his teaching method; in order to better achieve his goals, he also

used educational psychology in the program , Communication psychology and other related knowledge, we must maximize the effect.

In addition to his reputation, there is another reason to complete his plan, and there must be a large number of subordinates with solid knowledge to cooperate; what he is doing now is to lay a solid foundation in the mathematics of these children and let them pass the exam After college, whether it is to study physical chemistry or mechanical computers, mathematics will not hinder them.

Because each episode is not long, he can't spend too much time on it, working half an hour in front of the computer every day. The update on the second day was completed successfully; the rest of the time was reserved for classes and physics studies.

In addition to taking his own professional classes in the classroom, he often went to the physics department to attend classes, because relying on self-study is not efficient enough.

The Department of Physics of Beijing Normal University has developed rapidly after the unrest. With the help of Li Zhengdao and other overseas Chinese physicists, he has been struggling to catch up with the frontiers of international research; during this period, the Research Center of Modern Physics established by Mr. Li Zhengdao started. Great effect.

The main role of this center is to organize research and activate academic exchanges at home and abroad. Promote scientific research in the frontier field of physics in China; cultivate a large number of young physicists for China and Beijing Normal University, making them a backbone force to catch up with the international frontier.

This is also very good for Lu Qiuqian. At least some basic knowledge can be answered smoothly by the substitute teachers, which saves him a lot of time.

The relationship between physics and mathematics is always close, and I want to learn physics well. Like group theory, mathematical equations, partial differential equations, differential geometry, statistics, probability theory, etc. are necessary basic knowledge, so students in the mathematics department want to transfer to the physics department is much more convenient than other majors, at least no longer for these Basic mathematics is anxious. They can start with the most basic mechanics, thermals, optics, and electricity, and then slowly deepen into theoretical mechanics, quantum mechanics, and computational physics ... until higher-end general relativity and quantum field theory. and many more.

So these teachers also know that this person Lu Qiuqian always politely answers every time he encounters a question, and sometimes comes up with his mathematical confusion and

communicates with him. After learning that he wanted to transfer to a graduate student in physics, he enthusiastically helped him introduce the current status of the physics departments of various universities in the world today.

“If you want to learn high-energy physics, the United States is still the best choice, like California Institute of Technology, Massachusetts Institute of Technology and the Princeton where you were before are the world’s top level!” The teacher of the Physics Department explained to him patiently. “If you do n’t want to go to the United States, the United Kingdom can also. Oxford and Cambridge are not weaker than the three schools above, and Imperial College is also very strong. In addition, the University of Paris 6th and 10th in France One university, the Swiss Federal Institute of Technology in Zurich also has its own uniqueness. Of course, the Russian university in Lucia is also very powerful, but it may be impossible to compare with the previous schools in terms of funding! High energy physics is the most expensive project, no Money can’t be played. “

“The school is important, but the mentor is the key!” Lu Qiu Jian replied with a smile, he had already verified through various parties about the choice of the school. I found which one is best for me.

“Well, that’s right! But since you have stayed in Princeton then why don’t you go to Witten or Dyson? Now the physicists who are still alive, can you compare with them?” It’s a pity that he was full of face when he talked about this. “I counted, but nothing more than a few people like Weinberg, Philip Anderson, Hawking, Weltman, Higgs, Gros, and Yang Zhenning. If I had the opportunity to go to study under his door, you let me Do whatever you want! “

It can be seen from this list that the Nobel Prize is not the key to evaluating the greatness of physicists. Among these people are Yang Zhenning, Anderson, Weltman, Weinberger and Gross. Higgs won’t win until the Higgs boson is discovered.

The reason. It is because the Nobel Prize is very cautious about theoretical research. For example, the reason why Einstein won the award was the discovery of the photoelectric effect, and the greater achievement theory of relativity missed the award; Yang Zhenning ’s award was also because of the theory of non-conservation, not The greater Yangmi equation. The examination of applied physical results is easy, and the theoretical one is countless times more difficult. The Nobel Committee is also afraid of issuing wrong awards.

If they make requests to Dyson and Witten, they will all agree to accept themselves as disciples after evaluating their physics foundation.

But Lu Qiuqian did not choose this way, because there is something more attractive to him in Europe, that is the European Nuclear Research Center (cern); any theory requires experimental testing, and the European Nuclear Research Center has the world's largest High-energy physics experiment facility.

#### Chapter 148 - The world's top laboratory

High-energy physics has always been a hot field of scientific research. In addition to the European Nuclear Research Center, the large-scale and expensive laboratories around the world also have the Oak Ridge National Laboratory, the Argonne National Laboratory, and the Stanford Linear Accelerator. Center, Brookhaven National Laboratory of the United States, Fermi Laboratory of the United States, Helmholtz National Research Center of Germany, Modane Underground Laboratory of France, the famous Cavendish Laboratory, Lebedev Research Center Kurchatov Research Institute, Neutrons National Institute of High Energy Physics; and China's National Laboratory for Heavy Ion Accelerators, Key Laboratory of the Chinese Academy of Sciences, etc.

However, these laboratories have their own advantages and disadvantages. The several laboratories with national names in the United States are closely related to national security. I am afraid that it will not be easy for a Chinese to enter, even if Lu Qiuqian changed his nationality and became a citizen of the United States. It is not easy to reach the core of the laboratory, let alone climb to the upper floor across the transparent ceiling, and let the laboratory experiment according to its own design.

Germany, France, Lebedev, and Neutrons are also the same. Their protection against outsiders is much stricter than that of the immigrant country, and the investment and research facilities of those laboratories may not be stronger than the country.

Cavendish laboratory is equivalent to the Department of Physics in Cambridge. The founder is the famous founder of electromagnetic field theory Maxwell, and among his successors are Daniels such as Joseph John Thomson and Rutherford; since Cavendish Since the birth of Xu Laboratory in the 1990s, a total of 29 Nobel Prize winners have been trained, and its strength is simply jaw-dropping.

But after all, he is a university laboratory with relatively limited funds and equipment. If it is just to learn theoretical knowledge, it is not enough to participate in or even lead a large-scale experiment! This does not match Lu Qiuqian's needs.

As for the laboratory in Huaguo, it is still in its infancy. Although the country's economy has been developing rapidly in recent years, there are many places where money is spent. It is far from the point where the money is later and I do n't know how to use it. The support of these laboratories has not yet reached the level that Lu Qiuqian wanted.

So the European Nuclear Research Center became the best choice. Many people may not have heard of the name of this institution, but his research results are closely related to everyone.

The world's first website, the first web server, and the first web browser—web were born here. In the 1980s, Tim Berners-Lee entered the particle laboratory of cern. The researcher is everyone familiar with Ding Zhaozhong; there he accepted a task. Cern commissioned him to develop a software that allows laboratories distributed around the world to quickly share information through computer networks.

By 91, he successfully completed this plan and brought the world into the Internet age.

Of course, the Internet is just a by-product of cern, and it has also achieved good results in the field of high-energy physics. It is currently the world's largest particle physics laboratory. It was jointly established in 1954 by 12 countries including Germany, Britain, France, and Italy, and now has 21 member countries.

Lab is located near Geneva, Switzerland, and has more than 3,000 full-time employees. There are about 6,500 scientists and engineers from 80 countries, representing more than 500 university institutions, conducting experiments in cern. This accounts for about half of the world of particle physics.

In addition to the unparalleled talent pool, it also has super scientific research equipment such as linear accelerators, proton synchrotrons, super proton synchrotrons, antiproton decelerators and the most important large hadron accelerators.

Excluding the construction of large-scale equipment, cern's annual budget is about 1.1 billion Swiss francs, which is more than double the research expenses of the European Aeronautics and Space Administration. Globally, it is only less than the gold-absorbing monsters of the National Aeronautics and Space Administration (nasa) of the United States.

There is no shortage of talents, equipment and funds, and there is no identity restriction like other national laboratories. At least for now, there is no better place than here.

There are several ways to enter cern. One is to apply directly to work or study here, and the other is to take a circuitous route to colleges or research institutes that have a cooperative relationship with cern, and then enter here.

Lv Qiujian chose the second way. The reason is that China is not an official member of CERN, so it is difficult for Chinese to become regular employees here. Second, I want to work here. PhD degree is the starting price, Lv Qiu Jian now only has a mathematical phd, which is not quite the counterpart.

As for coming here to study, although there are also many Chinese people who come here to communicate through their work units for long-term or short-term study. However, the premise of this path is to have a work unit that cooperates with cern, which turns to the second path.

There are also several universities and institutions in China that cooperate with here, but since you want to study, why not find a better mentor? Although there are cattle like Witten and Dyson in the United States. But the distance from where to Geneva is too far, it is not as convenient as it is from Europe.

Considering the distance, the closeness of the relationship with cern, the level of tutors and other factors Lv Qiujian set the selected targets on Germany and France, these two countries are very close to Geneva, or cern One of the core sponsor countries also bears a large share of cern's operating expenses. The status in cern is equivalent to the status of permanent members in the United Nations.

As for the specific colleges and tutors, Lu Qiujian is still screening. The method of his screening is to first find the colleges and universities that have a cooperative relationship with cern and accept foreign students from China, and then find out the closest and physical The higher ranking part of the Department of Physics of the World University, then go to the official webpages of these departments to collect relevant information about the instructors.

Then list these tutors to find out their status in cern, collect their papers for study, and then analyze their academic level, personal personality and other relevant information according to the papers, and finally score each condition to screen out The tutor most suitable for him applies for his doctoral student.

As for the other party will admit themselves? Lv Qiujian never worried, with the recommendation letters of Edward Witten and Freeman Dyson, plus his own strength, as long as the other is not their rival, there are universities in the world that they can't go to?

Of course, before that, he still has to pass the language test of the target country, just like IELTS and TOEFL in English-speaking countries; whether it is French or German, Lu Qiujian is already prepared, as long as you do n't forget the time to register .

Chapter 149 - God-level concierge

“That program, the class is very good, I want you to take a class!” Professor Zhang said half-seriously and jokingly in Professor Zhang’s office.

“Don’t! My undergraduate hasn’t graduated yet!” Lu Qiujian rarely showed a shy expression.

“You are a person with a Phd degree from Princeton! Princeton’s phd said that everything is eligible to take a substitute at Peking University!” Suddenly Professor Zhang seemed to think of something, and he laughed. “Haha, the graduation thesis is about to start. I want to see what happened when you responded. “

Amount, Lv Qiujian also embarrassed, he has already obtained a phd degree from Princeton. Speaking of a higher background than many of the teachers who responded, I wonder if they will be embarrassed to ask questions at that time!

“Professor Zhang, what are you looking for?” Lu Qiujian quickly changed the subject.

“Oh, it was the matter of the last meeting. We have already sorted out the meeting materials here! You can help send it to the Mathematics Institute! Do you know where it is? I don’t know if I let Xiao Liu send you?” Professor Zhang from the table He picked up a large stack of documents and handed them to Lu Qiujian.

The mathematics here refers to the Institute of Mathematics, Chinese Academy of Sciences, which is paving the way for yourself! Lu Qiujian instantly understood what Professor Zhang meant. Who wouldn’t go for such a trivial matter as sending a file? Why arrange for yourself? Don’t you just promote yourself? Let yourself show up in front of the elders of the Academy of Sciences and brush up your sense of presence, and it will be convenient to do anything in the future!

“I know! I’ll be there now, so I don’t have to trouble Assistant Liu!” Lv Qiujian quickly took over the documents with both hands, and then sincerely thanked, “Teacher, thank you for your trouble!”

“Hey, you came from our Beijing Normal University. I won’t mention you worry about these things. Who else will help you?” Professor Zhang waved his hand generously. “Since you called me a teacher, I didn’t help you with these things. ! “

“Then you are busy, I will go to the Mathematics Institute first!” Lu Qiujian collected the documents and was ready to leave.

“Do you have a driver’s license? Drive my car if you have one!” Professor Zhang took the car key out of his pocket.

“Don’t use it! The traffic jams in Beijing. I’d better go by bike!” Lv Qiujian quickly waved his hand and refused. Where did he open the professor’s car?

“Haha, I forgot that your bike is more expensive than my broken car!” The last car accident has become another legendary piece of Beijing Normal University. It is widely circulated on campus; even those car thieves know that every time they see this car, they walk around. They are also people who understand the law and know that they steal more than 100 bicycles and millions of bicycles. It is totally two concepts.

“Oh, he won the championship for Princeton at that time. The teammates gave it, the kid is a local tyrant, not taking nothing!” Lv Qiujian laughed twice and left the office of Professor Zhang.

The distance between the Institute of Mathematics and Beijing Normal University is just a turn away. Lu Qiujian rode into the car and arrived at the door in a moment; when he saw the door of the Institute of Mathematics jumped down, he pushed the car and walked in.

“You guys from the Institute of Mathematics, Chinese Academy of Sciences, listen to me! You must call a global mathematician to arrange a speech for me before the 20th of this month, otherwise I will destroy my research results, which will be the largest in the history of science and technology in China. Loss ... “As soon as I walked to the door, I heard someone yelling.

Which great \*\*\*\* is so powerful? Lu Qiujian suddenly gave birth to a look up; he looked in the direction of the sound, and saw a plain-dressed, gray-haired middle-aged man standing at the door of the Institute of Mathematics. His face flushed, and he pointed to the office building in the courtyard and scolded loudly.

The staff who walked in and out were all in a strange way. Lv Qiujian looked at the green belt next to him and squatted several similar-looking characters, holding a book of varying thickness in his hand, and communicating with each other. The shocking discovery.

Look again. There is someone holding a sign next to it. The Kakutani conjecture, one of the world’s mathematical problems, has been proved by me. Please ask the teacher of the Institute of Mathematics to recommend it to the mathematics community!

Hey, how many talents are there in my country! Lu Qiu Jian secretly laments! Based on the research results of the people in the circle at the door, the Fields Award that China has monopolized for decades is not a problem! Amount, right. The Fields Medal is only awarded to people under 40, they seem to be over age! However, Wiles won the Fields Special Award for Fermat's Theorem. They can go get this!

Walked through the crowd to the concierge, "Hello. I am from Beijing Normal University, come and send the documents to the department!", Lu Qiu Jian showed his student card to the concierge.

"Well, register and go in!" The porter checked Lu Qiu Jian's certificate and handed in a registration book.

"Uncle, what happened to those people outside?" Lu Qiu Jian asked curiously as he filled in.

"Hey. It's all big flicker, don't need to take care of them!" The porter said loudly without evading people.

"Why am I fooling people?" The one who shouted suddenly was dissatisfied and came stunned, shouting angrily, "You are a tyrant! You can't do your own results and try to block the private scientists from publishing results!"

"Which field are you studying? What achievements have you made?" The porter asked calmly.

"I am studying prime numbers, and I have proved that Riemann's conjecture has been ten years!" The man's expression seemed to have been greatly wronged, and his mouth twitched constantly when he spoke. In the Department of Mathematics, no professor is willing to publish an article for me! If the Mathematics Institute will not publish it for me this time, I will burn them all! Let you sinners who hinder the development of science in China regret for a lifetime! " He pulled out a workbook from the yellow cloth bag and waved it vigorously.

Riemann conjecture! I dare not touch this thing easily, so you made it? Lv Qiu Jian Dunsheng admires, is this the so-called talent in the folk?

"Okay, I heard it all!" The porter waved impatiently, opened the drawer and flipped inside, and took out a small piece of paper. "The research field is prime, right? Then do this question." Try it! I'll let you in if it's right, and go back from there if it's wrong! "

The legendary sweeping monk? Lu Qiuqian looked at this question curiously and glanced at his head. Hey, that's the entry level! Isn't it difficult?

He is no longer in a hurry to send documents. He helped the car to stay in the door and looked at these two people with great interest, intending to take a good look at whether the porter is a powerful sweeping monk or the legendary folk scientist.

At this time, the bull who cracked the Riemann conjecture picked up the note!

Chapter 150 - Institute of Mathematics

The great mathematician who cracked Riemann's conjecture did not look at the problem, and directly tore it into pieces, and then said disdainfully, "You are an insult to me! You are just a porter, what qualifications are there to examine my ability?" If you want to investigate, you must call out your director! "

"The director is busy! I don't have time to see you, or I will make a question and let you go in to find him, or just stay outside!" The porter has excellent psychological quality, and his eyelids are not lifted, holding a big tea cylinder and squeezed. He said calmly, "If you don't do any questions and yell here to affect the office order, I will call the security guard!"

The number of scholars changed their face, and finally snorted, squatted at the door and stopped talking; Lv Qiuqian walked in with regret when he saw that there was no excitement, and went downstairs to lock the car. Professor Zhang's instructions went upstairs to find the office he said and knocked on the door.

"Please come in!" There was a voice of a middle-aged man in the office.

Lv Qiuqian pushed open the door and walked in. I saw a slightly fat man with glasses sitting inside. He took the document from the bag and handed it over. "Hello, I am from Beijing Normal University. Professor Zhang let I will send you this document. "

"Oh, thank you, you sit down first, I'll watch this after I'm busy!" The man took the document and put it on the table, his eyes turned back to the computer; Lv Qiuqian used the afterglow of his eyes to see what appeared on the computer screen as one A mathematical paper.

Back on the sofa at the door and waited for a while, the man finally finished reading the paper; picked up the documents sent by Lv Qiuqian and turned over a few pages, and he couldn't help but express his admiration, "This time, you are a big student at Beijing Normal University It 's the limelight, if I had n't been to the field in the past few days, why would I have to listen to this lecture

in the past, even if I did n't have a place to stand! By the way, did Professor Zhang say anything when he asked you to send the documents? ”

“Nothing, just let me send it to you!” Lu Qiujian replied.

“Oh, that's it! What do you call this classmate? Professor Zhang's graduate student?” He hadn't remembered what Lu Qiujian called, “My surname is Lu. I'm a researcher here!”

“Hello Teacher Lu!” The researcher sounds inconspicuous, but in fact it is a senior professional title. Researchers of the Institute of Mathematics of the Chinese Academy of Sciences are graded one to four. Corresponding to the first to fourth level professors in colleges and universities, of which the first-level researcher must generally be an academician of the Chinese Academy of Sciences or an academician of the Academy of Engineering to be qualified; therefore, after hearing the introduction of the other party, Lu Qiujian immediately apologized. At a young age, he became a researcher. It seems that he is also a big cow, so he replied in a respectful tone. “My name is Lu Qiujian, and I am still in my senior year, not a graduate student of Professor Zhang!”

“Oh, senior! Then you have to work hard, and Professor Zhang's graduate student is not good-looking! Okay, I will write you a reply to the received documents!” Researcher Lu picked up the pen and said while writing, “Huh? Your name is Lu Qiujian? This name seems familiar? Wait, which Lu Qiujian you are ?!” “He looked up sharply.

“Oh, although my name is not special, but it is not too common!” Lu Qiujian said with a smile.

“Oh! Look at my reaction!” Researcher Lu patted his forehead. He laughed at himself and turned out from behind the table while apologizing. “I just read a paper and my brain hasn't responded yet; I'm sorry, let you wait so long here!” He pulled Lu Qiujian The hand is a shake.

Lu Qiujian also stood up. “Sometimes I see a good paper and can't even take care of my meal. You don't blame me for disturbing your thoughts. I'm so embarrassed!” He knew that this was the normal state of mathematicians. There will be dissatisfaction.

“Hey, you come to the Mathematics Institute but let us flourish! Look at me and leave you here for half a day. I didn't pour you a cup of water! What would you like to drink? Tea or coffee?” Researcher Lu has seen Lu Qiujian The paper, knowing the weight of his articles, did not dare to look down on the other party when he was young.

Mathematics is one of the most talent-testing disciplines. There is a saying: There are two kinds of mathematicians. One is a genius like Euler, and the other is hard-working like Hilbert. Even Hilbert, who can score eighty points in Hardy's mouth, is not counted as a genius. The harshness of mathematics on genius is evident.

Researcher Lu knows that he is quite smart compared to others, but it is not worth mentioning compared to the evils like Tao Zhexuan and Lu Qiujian, so he lowered his posture.

"If you think it's vigorous, then our Department of Mathematics at Peking University is a cave. Even the house can't be counted!" Lu Qiujian would let him pour tea for him, and quickly grabbed the cup and picked it up at the water dispenser. Put two glasses of water on the coffee table.

"The mountain is not high, and the fairy is the name! Even if the Department of Mathematics of Beijing Normal University is a cave, that is also the residence of the fairy!" This researcher Lu is also a wonderful person, and after a few jokes, the relationship between the two was unconsciously close a lot of.

The two of them chatted about each other's problems in the research field for a while. Researcher Lu quickly got up and looked at the watch. Come and have a look inside, know a few experts who know us here, maybe we will have more when we deal with it! I will take you to recognize the door today! "

"Yes, then trouble you!" This is a good thing for yourself. Lu Qiujian was not hypocritical, and immediately followed Researcher Lu out of the office.

When I went to the director, there was another greeting. The first director of the Institute of Mathematics was Mr. Hua Luogeng. Several subsequent directors have also achieved good results. Now that the forty is less than 40 years old, it is already Internationally famous mathematician.

He met Lu Qiujian at the report meeting a while ago. This time he specially discussed the part of Lu Qiujian's closing speech that involved his research field, and both sides have gained a lot.

After coming out of the director's office, Researcher Lu took him to visit several authoritative persons, and did not send him to the door until after work, "It's not really polite to you, today is really something! Next time, next time!" "He rejected Lu Qiujian's invitation to have a light meal together and went back to the office.

Lu Qiujian pushed his car and walked out the door. At the door, he found that the great mathematician who had cracked the Riemann conjecture was still waiting there. When he came out, he went up and said a few words.

Today's call seems a little special? Looking at the expressions of the director and other experts, what secret seems to be hidden? Until returning to his room, Lu Qiujian was still thinking about this problem.