

Wow 90

Chapter 90: Realistic Physics Engine

"Sis, you're so awesome, you had them going in circles, haha... I was even worried for you just now."

Gong Yan's eyes lifted slightly, "Who said I was deceiving them?"

The skinny player blinked in bewilderment, "Huh?"

"Basically everything was true..."

Except for the bit about deliberately fishing for information, which was an impromptu fabrication, the rest was essentially true.

Plus, it looks like NPCs can be deceived too~

This game just got a lot more interesting...

Gong Yan's eyes darted gracefully, landing on the book in the boy's arms.

"What's your name?"

"Wen Jie... Zhou Wenjie."

"Playing by yourself? Stealing things without even having someone to cover for you."

"Haha~ I didn't expect to get caught so easily, I thought they wouldn't care about this sort of thing..."

"What kind of treasure is it? You almost got killed over it."

"Just a book..." Zhou Wenjie openly showed it.

The book's cover was curled and yellowed, covered in years of accumulated dust and some visible grease stains that couldn't be wiped off. There was an indentation in the center that caused the first few pages to be somewhat torn and missing.

Apart from that, the book was still fairly intact.

Gong Yan saw the two big characters on the cover — "Mathematics".

"A book?"

"Yeah!" Zhou Wenjie's face turned red with excitement as he talked about his field of interest, "Did you know? This game world has the most realistic physics engine, all the fundamental laws here are completely different from our world! And it can even run flawlessly, with coherent logic. Do you know how much energy is needed to achieve this level of realism?"

It's an unimaginable miracle in our field of computer science! It's like starting a whole new era! Only a creator god could achieve this feat. Haha! To the people of this world, the developers who made this game are gods! The gods of creation!"

The boy rambled on, oblivious to whether or not his topic was of interest to anyone else.

"Oh?" Gong Yan just listened with a smile, walked to a deserted wilderness, even found a fallen tree trunk to sit on comfortably, and stretched out her hand to the boy, "Can I take a look?"

"Oh oh, here you go."

Gong Yan opened the cover, and the table of contents displayed the actual content of the book.

Basic mathematical theorems... Basic physics laws...

As the pages softly turned, Gong Yan's movements were extremely gentle.

Zhou Wenjie's initially excited demeanor quieted down as he watched the side of Gong Yan's face turning pages quietly.

Brushing a stray lock of hair from her ear, Gong Yan turned her curious gaze towards Zhou Wenjie, "Why did you stop talking? I'm listening. What made you think of stealing this?"

"Oh oh~ It's so fun!" Zhou Wenjie's excitement returned, "Don't you think this is fun? A brand new world, brand new laws of physics, I can't imagine how the production team came up with all this! I can study it too!"

"You're researching this world?" Gong Yan's eyes lit up, with a hint of awe-inspired admiration, "That's a great idea."

"Not really..." Zhou Wenjie scratched his head sheepishly, "I just think it's fun, and if I can learn the rules of this world, maybe I'll have a chance to join the production team! Creating a world, you know? That's too cool!"

Gong Yan paused in flipping the pages, pointing at a line on the page, she asked with some curiosity, "But can math...be different as well?"

"The basics of mathematics remain the same, $1+1=2$, $1+2=3$... But you know the simple Pythagorean theorem, right? In this world, it's not! Here, it's the square of the hypotenuse equals 4.90934143088 times the square of one of the other sides!"

"That sounds way too complicated..."

"Yeah... way too complicated."

...

Below the dugout hole, Kuang Xin and Dai Lian were looking at a piece of wood that was obviously longer than expected, a bit vexed as they tried to fit three pieces of wood to form a frame.

"Did we calculate it wrong?"

"The sum of squares of the legs of a right triangle, when square rooted, gives the length of the hypotenuse..." Dai Lian was desperately trying to recall what he had learned in middle school, "There's nothing wrong with it, so why is it still too long?"

"Did you measure it incorrectly?"

Kuang Xin shifted his gaze to the corner, "Could it also be that the angle we dug isn't straight enough?"

As the hole got bigger and bigger, they had to set up some supports to prevent a collapse.

Since they needed supports, triangles were undoubtedly the most stable shape.

The two old men turned out all the common knowledge they had for this life, just to complete this task.

But... "Why doesn't anything match up properly?" Read the latest on m_v-l'e|-NovelBin.net

"You didn't measure it wrong."

An unexpected voice suddenly sounded from the entrance of the hole.

Kuang Xin, looking up, was startled, "Who are you?"

Zhou Wenjie continued to descend the ladder, engrossed in his own thoughts, "It's not your fault, it's the world's fault."

He instinctively reached to push up his glasses only to remember that in this world, there were no glasses, "The people in this world have determined through measurement and calculation that the sum of the squares of the legs of a right triangle equals the hypotenuse raised to the power of 2.023, not simply squared. A miss by an inch leads to a failure by a mile."

"But, who exactly are you?"

"A new friend," Gong Yan followed down the ladder, "I saw him being bullied by an NPC on Black Street earlier, so I helped him out..."

[Still so kind-hearted...]

Looking at Gong Yan as she slowly climbed down, Dai Lian's eyes were gentle, "How's the cement situation looking?"

"There's a bit of a clue, but we'll have to wait and see... How about you guys? Why didn't you go to the sewers?"

Kuang Xin waved his hand dismissively, "Don't mention it, there are too many rats and they're too troublesome. We've set a sky net in the sewers, and the two from Heretical Arbitration House won't be able to do anything in a short time, let alone us. However, it's kind of fun to practice our skills while we're at it..."

Dai Lian gave him a sidelong glance, somewhat speechless.

That's how the average players are; even if they can't complete a task, they take the setbacks and challenges they encounter during the task as fun.

But it was true, the past two days they had been running back and forth, digging here, sneaking there.

And they were quite enjoying themselves...

"Oh, I need to log off," Kuang Xin said with a cheery smile, listening to some prompt.

"Time to log off..."

Getting up from the gaming pod, Kuang Xin recalled the game content from his dream, with the most amusing part being—

The sum of the squares of the legs equals to the hypotenuse to the power of 2.023?

How strange, how could there be such a complex constant in the world?

"Di-di~"

The phone by his side suddenly lit up, and upon opening it, there was a message from a vaguely familiar ID in the gaming group:

Xu Ruoguang: "Guys, if you know the circumference of a circle, how do you find the diameter?"

Kuang Xin snorted with laughter. Does this even need to be asked?

"@Xu Ruoguang, the circumference divided by π gives you the diameter, man. Did you return all your middle school knowledge to your teacher or something?"

Xu Ruoguang: "So, what's π ?"

" π ?" Kuang Xin burst out laughing.

" π is, of course, 3."

So seriously, how could there be such a weird constant like 2.023 in the world?