The field of electronics and physics are very interesting things. I would rate it as a 5. Admittedly, I didn't really study it in depth, (that is, I didn't specialize in it) but I read .and saw videos on the subject

The operation of the air conditioner remote control includes a combination of signals or radio frequency with internal circuits in the remote control and the air conditioner

When you press a button on the remote, we actually cause a chain reaction inside the device, that is, we complete an electrical circuit inside the remote and this activates a reaction in the internal processor of the remote and causes the translation of pressing .the code of a certain command

The encrypted code is transmitted through signals to the air conditioner itself, which receives and identifies and passes it to its internal control system after translating it into a command, and thus the internal control system of the air conditioner knows how to perform the operation

Therefore, the air conditioner knows which button I pressed because the button I pressed has a certain command that is translated differently from another button on .the remote

Each manufacturer also has a different protocol or code translation, so maybe I have an air conditioner at home but from a different company and I won't be able to turn on the air conditioner because the translation of the remote is a different translation and it .isn't. I don't understand this translation

This can be overcome by using a universal remote control that can control a certain air conditioner by built-in software that contains the command codes accepted for this .air conditioner

I didn't study this field, now I read different manuals to understand what happens between the remote control and the air conditioner. It is an area that is even more interesting to know how it really works inside, because actually a number of different parts that connect them together create a processor that causes a certain action to take .place elsewhere