

Figure 1: The white ball.

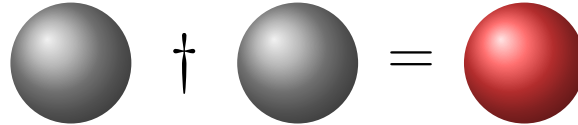


Figure 2: Two white balls in the machine produced a red ball when the \dagger button was pressed.

I saw objects sort of like molecules, balls of different colors joined by bars. Pairs of objects were placed in some kind of machine with four buttons, labeled \star , \triangle , ∇ and \dagger . After the pressing one of the buttons the original objects were gone, replaced by a new object. He showed me many demonstrations of this, pressing different buttons, with differently colored balls coming out connected in various ways. It was clear that he was trying to show me what this machine did, the look on his face said “you see, yes?” I tried to write down as much as I could afterwards, hoping that he would show me more next time. The colors definitely have meaning, there is a structure there. Two white balls make a red ball when you push \dagger and a red and white ball make a blue ball when you push \dagger (whether you blue white in the first or second slot does not appear to matter). He showed me a few with the \star button as well. A red and blue ball with \star makes just joins the balls by a black bar.

I thought I was starting to see the pattern, but then he showed me that a white and blue ball with \star gives just a blue ball. Then things started to get really weird, easiest to see it in pictures.

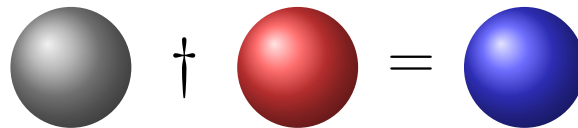


Figure 3: A white and a red ball in the machine produced a blue ball when the \dagger button was pressed.

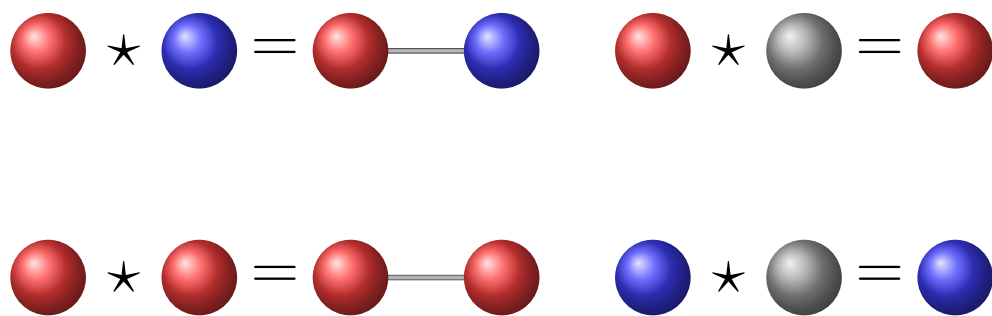


Figure 4:

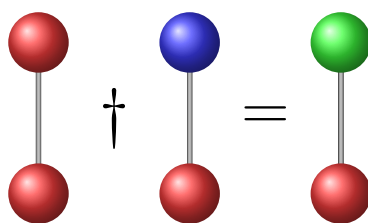


Figure 5: