**FREE WILL**

**BY BOB DOYLE**

**This book (by a retired Harvard astronomy professor) is a difficult read that requires some background education on both, the subject of free will and on quantum mechanics.**

**The author is a strong rationalist, and therefore requires convincing evidence to reach his conclusions. One example is the famous “Double-Slit Experiment” which has led many well-known scientists to make claims about particles being in 2 places at the same time. He shows how the Pilot Wave theory explains the interference pattern without resorting to any voodoo or magical thinking.**

**He also uses powerful evidence (the Conservation Laws) to refute claims (again, by many well-known scientists) that particles can communicate with each other faster than the speed of light.**

**He uses multiple diagrams and illustrations to support his position that particle properties are not determined by the act of observing them (that is more voodoo coming from scientists who could not deal with the fact that observations always proved them wrong).**

**Some might find his writing occasionally repetitious. Personally, I found the repetitions helpful as they strengthened my understanding and ingrained facts in my memory; and with material this difficult, inculcation is a plus.**

**As a bonus, he gives readers an in-depth history lesson about the scientists who have been involved in these investigations. He objectively analyzes their arguments and evidence; and he does so without ever insulting those with whom he disagrees (something that I have yet to master).**

**GRADE A**

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