Physics 651 Fall 2023

	Worksheet # 1
	(Wednesday, September 27, 2023)
	Name
	Questions (5 pts):
As you atoms.	remember, the original Stern-Gerlach experiment was performed with neutral silver
1)	Can one do it with neutral hydrogen atoms? If yes, in what state and why?

2) Can one do it with protons instead of neutral atoms? Why?