

# JJT and Millkens experiments

S S X U V ' S O ' B T - B H Y E A G A H L H F U A O P F U V  
 I P E ' I F ' P L Q N M D D O U E V S O Y J D E Z Z K S H S  
 W K N O R V I S D J V U Y M Z A K D Z T U J B G I V G M F O  
 W S E Y V L D Z J L Q I R R D Z Q O Z K O P B R H W N C J B  
 - L R L A C Y ' M A G N E T I C X N X C F H D A K I I K X T  
 Q C G J N I S A D F C ' A C I J F A - I V O F H P S R T - P  
 W F Y O Q R F D B P V T X J O U P U M R W T F C H N E O E N  
 N I - G V C V W R M R E N F N O ' T L T C O U - O O T - - V  
 O Y L J Z U W V G J I R U P I A - - D C ' E O Y S I T W D J  
 E J E C X L I S X Q H M Y Z Z U R H G E U L J R P T A T E L  
 M L V B L A T I A - X I V S A V L U M L C E R A H A C R - C  
 U - E G Q R L O O M U N - P T W S W S E M C G T O Z S ' - E  
 Y A L M L - V O S ' ' A D E I B U V N V F T C N R I - P U Q  
 K J S L L P P N T T T L E Z O I V R E C Y R P E E T A Q W Y  
 F S N F U A S P - Q K - D P N P H L D L B I H M S N H S H U  
 N E L X Q T K Y C B A V L R E - A S Y D E C M E C A P Z X G  
 J C E E J H T M L B H E W K Q Q - N I S E C S L E U L - H Z  
 X R D C L P ' S P P G L I J I M Z - T J P J T E N Q A Y W -  
 I O O C H A R G E - T O - M A S S W A B F P - R T P - X V L  
 Q F M I I S C J - - P C V V L ' N A R M Q N O - O ' I P A X  
 P - - V E L O C I T Y I L I H - E O G Y T J Z L V N C D I Q  
 O D S K A - U J Q E P T L U P D E F L E C T I O N S E E W S  
 R E ' I I P P U - I ' Y O I ' E P N D L T F W G F R ' K ' Y  
 D C R Z L P N ' C U B Z D C E S H L I ' N Z G C L T R P T A  
 - N H P P N U W A C B P E M A S S - S P E C T R O M E T E R  
 L A O X Q U A N T U M - M E C H A N I C S Q Y U E H - W W -  
 I L B E X V A D H T I J O V A N O D E R U T H E R F O R D X  
 O A I X L G V F O E ' S S T Z M B F N D ' L A A Z T A - K S  
 ' B U Y B X C N D P O T E N T I A L - D I F F E R E N C E W  
 X D F Y H I L P E T B A K A I H - Q Z K F K E M J L J ' G C

1. rays
2. ratio (e/m)
3. Electron
4. Deflection
5. field
6. field
7. screen
8. selector
9. Potential-difference
10. Circular-path
11. Mass-spectrometer
12. X-rays
13. Anode
14. Ionization
15. Oil-drop
16. Elementary-charge
17. Balanced-forces
18. Terminal-velocity
19. Quantization
20. Photoelectric
21. Bohr's-model
22. Energy-levels
23. Quantum-mechanics
24. Rutherford
25. alpha-scattering