

ty..	127
la-	132
..	
... 139	
... 142	
m..	148
... 157	
... 160	
}	163
} 167	
. 173	
. 177	
} 191.	
. 195	
. 198	
208	
214	

INDEX OF PLATES.

	PAGE.
PLATE 1.—The Form and Reflection of Waves.....	94
3.—Interference and Inflection of Waves	96
PLATE—Fig. 7.—Eclipse compounded with occultation of Jupiter's Satellites.....	48
" Fig. 8.—Jupiter's Shadow and Eclipse of Satellite	48
PLATE 9.—The Planet Jupiter, the Earth and the Sun...	51
" 10.—Illustrations of Electrical Apparatus.....	69
" 11.—Illustrations of Magnetic Curves	175
" 12.—Illustrations of the lines of Acoustic Force..	217
FIGURE 1.—Illustrating the Expansion required by theory in (the supposed) aerial undulations.....	104
FIGURE 10.—The occultation of Jupiter's second Satellite as seen from the nearest and from the most distant situations of the Earth.....	46
FIGURE 11.—Do. do. as seen from the first Satellite and from the Earth at conjunction.....	54