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Stardwick Vicarage, Hay, Sept. 10. 1870.

My dearest Arthur,

Many thanks for your kind letter, on behalf of my Cheltenham friend and myself. I have communicated its substance to her, and she is very much obliged, and will thankfully accept your kind offer of Pereira's Lectures when you have returned. Her address is

Miss Wood, 4 Wellington St. Cheltⁿ.

At the risk of seeming very ignorant - or perverse - or both, I cannot quite see why her idea of the advance of light in zigzag lines should result from a mixing up of the emission & undulatory theories. I can understand, though I cannot explain, her difficulty. For, if I am not mistaken, the undulations of light have a definite magnitude, and occupy a definite time - and therefore are actual motions. So is the progression of light. And these two motions being perpendicular to each other, the resultant, it seems to me, cannot be otherwise represented than by an oblique line, alternating in direction, & therefore equivalent to her zigzag. I am afraid I am very stupid in such matters - but you have found that out long ago.