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THE PARTITION OF ENERGY.[1]

As I rise in this place to address you, I recall a dear friend, who stood before you in a similar position three years ago, and whose premature death has dealt so severe a blow to this association and to the science represented in this section. The name of DeWitt Bristol Brace will always be honorably remembered in the history of physics. While a student at Boston University, he began the study of that science, and after his graduation in 1881, he proceeded to Johns Hopkins University to devote himself exclusively to it. After two years of study there, he went to Berlin, where he heard the lectures of Kirchhoff, and worked in the physical laboratory under the direction of Helmholtz. It was in Berlin that he definitely settled the whole course of his subsequent scientific career, by insisting on taking up, as his subject of research, the difficult question of the exact mode of transmission of a polarized ray which is undergoing magnetic rotation. This question was out of the line along which the work of the director and of his students was proceeding at that time, and Brace not only set the problem for himself, but owed entirely to his own inventive genius the brilliant method which he proposed for its solution. I remember how difficult it was for Brace to convince our director of the possibility of transmitting the ordinary and extraordinary beams in a common direction in a crystal of Ice-

[1] Address of the vice-president and chairman of Section B—Physics, American Association for the Advancement of Science, New Orleans, 1905.