

Mr. Augustus Stroh repeated these experiments in air, and found that his sensitive drums, set into vibration by air waves from a sounding reed and bellows, followed the law of magnets and would not only attract or repel each other, but each drum would attract bodies which were not themselves vibrating, such as pieces of paper, just as magnets will attract unmagnetized iron, etc. It has been demonstrated that the movements of the air between and around the drums is exactly similar to the lines of magnetic force around magnets. Mr. Stroh has shown that when the drums are vibrating in like phase, and therefore attracting each other, the air is rarefied between them, and when vibrating in unlike phase the air is condensed between them. Before the London Physical Society further experiments were carried on by Prof. Bjerknes, who succeeded in imitating the attraction and repulsion of electric currents flowing in paralleled wires. Two cylinders were placed parallel in water and rotated. When both rotated with right-handed motion, they attracted each other, and when one was reversed they repelled each other. These results correspond with the effects produced by electric currents flowing in the same and in opposite directions.

SELECTED NOTES.

THE trick of all thought is symbolism.

HELMHOLTZ says that "matter and force are abstractions from the real."

THE TIDES of the divine life in man move under the thickest ice of theory.—*George Eliot*.

WHO has not a thousand times seen snow fall on water? Who has not watched it with a new feeling from the time that he has read Burns' comparison of sensual pleasure—

"To snow that falls upon a river,
A moment white—then gone forever."