

There is no discussion of the fields associated with the Crab nebula and with the structure of the galaxy. An unfortunate error carried over from an earlier publication of the author is the value of 20 km/sec quoted for the orbital velocity of the earth.

**Colloque national de Magnetisme:** commémoratif de l'œuvre de Pierre Weiss (Strasbourg, July 1957). 338 pp. Centre National de la Recherche Scientifique, Paris, France, 1958. 4000 fr. *Reviewed by C. Kittel, University of California at Berkeley.*

**T**HIS volume contains the proceedings of a conference held at Strasbourg in July 1957 in commemoration of the work of Pierre Weiss, fifty years after the publication of his fundamental paper on the molecular field. The outstanding workers in ferromagnetism in France today have contributed to the volume. The result is a collection of quite important papers covering the most active areas in ferromagnetism. The more extensive papers are those by Néel on the molecular field, Guillaud and Vautier on domain structures (with beautiful photographs), Trombe and la Blanchetais on the rare earths, Pauthenet on the rare earth garnets, and Paulevé and Marchand on resonance in LiCr ferrites.

**The Pulse of Radar:** The Autobiography of Sir Robert Watson-Watt. 438 pp. The Dial Press, New York, 1959. \$6.00. *Reviewed by W. T. Wintringham, Bell Telephone Laboratories.*

**N**OT "Too little and too late", but exactly enough at the right time is the story that Sir Robert Watson-Watt tells in his autobiography *The Pulse of Radar*. England was fortunate indeed that Sir Robert's response to an inquiry from the Air Ministry about "Death Rays" took the form of the Memorandum of February 12, 1935, entitled "Detection and Location of Aircraft by Radio Methods". For it was his confidence expressed there that led to the development of radar which so definitely affected the course of World War II.

England was doubly fortunate in that she entrusted the development of the ideas expressed in the Memorandum to the man who describes himself as:

"A sixth-rate mathematician, a second-rate physicist, a second-rate engineer, a bit of a meteorologist, something of a journalist, liking to believe there is some poetry in my physics, some physics in my politics."

But more important than this, Sir Robert is the man whose work was guided by the "Cult of the Imperfect", which he describes in these words:

"Give them the third best to go on with; the second best comes too late, the best never comes."

One shudders to imagine what might have happened if England had not been equipped with Sir Robert's "Third Best" at the critical time.

The details are all there—radio meteorology, early warning radar, antisurface-vessel and antisubmarine

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