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*The inventory was last updated:
 18th January 2017*

BARDEEN, John & Walter BRATTAIN.

Physical Principles Involved in Transistor Action.

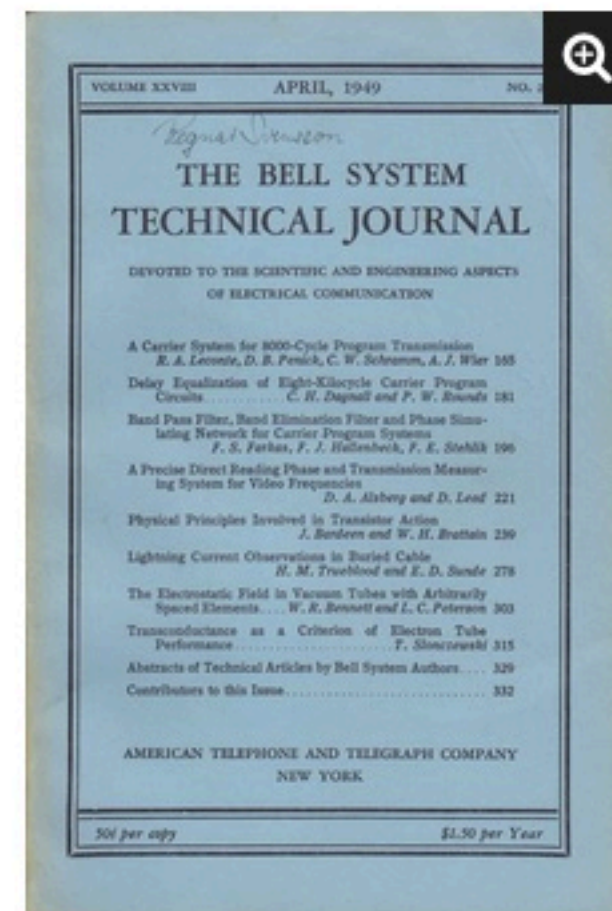
New York: American Telephoen and Telegraph Company, 1949. First edition.

The first comprehensive report on the transistor; one of the most important inventions of the 20th Century.

The invention of the transistor was first announced in three short letters by Bardeen, Brattain, Shockley, and Pearson, in The Physical Review (July 1948). The following year Bardeen and Brattain published the more comprehensive report 'Physical Principles Involved in Transistor Action'. This paper was simultaneously published, the same month, in The Physical Review and Bell System Technical Journal. Offered here is the Bell printing [no priority established]. In 1956 Bardeen and Brattain shared the Nobel Prize in Physics with William Shockley "for their researches on semiconductors and their discovery of the transistor effect". Hook & Norman: Origins of Cyberspace, no. 450.

In 1972 Bardeen again received the Nobel Prize in Physics for his part in the development of the theory of superconductivity (BCS-theory), and thus became the only person, until this day, to receive the Nobel Prize more than once in the same field.

Contained in The Bell System Technical Journal, Volume XXVIII, No. 2, p.239-277. The complete issue offered here in original printed wrappers,



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