**Mathematics.** — *Demonstration that the concept of spreads of higher order does not come into consideration as a fundemental notion in intuitionistic mathematics.* By Prof. L. E. J. BROUWER*

(Communicated at the meeting of September 26, 1942.)

In my note, *"Concerning the free development of spreads and functions"*,[1)] the process $M_\sigma$ was considered, through which the fundamental sequence $F'$, which is enumerated in an arbitrary, predetermined way, is associated one-to-one with finite choice sequences of numbers and likewise an arbitrary element $\sigma$ of the spread[2)] $M$. We want to call this process $M_\sigma$ a spread *of second order*, and the successions of figure-sequences thus associated to the unrestricted choice sequences of numbers [we shall call] *the elements of the second-order spread* $M_\sigma$.

* Translated from the original German by Jon Sterling.

1) Proc. Ned. Akad. v. Wetensch. Amsterdam, **45**, 322 (1942).

2) For the sake of simplicity, we restrict ourselves in this note to such spreads, in the process of whose creation neither inhibition nor termination occurs. This restriction is inessential.