

1056-M5-1771 **Martin E Flashman*** (flashman@humboldt.edu), Department of Mathematics, Humboldt State University, Arcata, CA 95521. *The Articulation of Mathematics-A Pragmatic/Constructive Approach to The Philosophy of Mathematics*. Preliminary report.

The philosophy of mathematics has often taken mathematics as a realm of discourse that is fixed. The investigation of this realm is what working mathematicians take as their task. This work leads to results and reports on what they have ascertained. Accompanying communications allow others to achieve comparable experiences of understanding or to accept the results for further investigations. The author will discuss an alternative "constructive" view: The mathematical realm is dynamic and changing while the work of mathematicians involves the articulation of this realm as a pragmatic work in progress. (Received September 22, 2009)