

- ▶ MICHELE FRIEND, *Some Problems with Maddy's Naturalism*.
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Quine made “naturalism” into a popular position in philosophy. “Naturalism” is a favouring of science. Scientific ontology and methodology are considered to be philosophically better justified than they are in other fields of enquiry. Here, “science” includes physics, chemistry and biology. As a general position in philosophy, naturalism fares quite well. However, the naturalist has an uneasy time in the company of mathematicians, logicians and philosophers of mathematics. From the stand point of most traditional philosophies of mathematics, eg., Platonism, logicism, constructivism, formalism, structuralism; naturalism is quite wrong headed, since it places empirical sciences before mathematics. Maddy has a way out of the embarrassment. She enlarges the scope of “science” to include mathematics. For her, science and mathematics together trump other areas of enquiry. In this way she adheres to, what she takes to be the “spirit” of naturalism: a preference for rigorous, honest, hard work, and a suspicion about other forms of enquiry. However, her modification of naturalism comes at a price, namely, that in doing her philosophical work, i.e., in the very act of discussing naturalism, she occupies an untenable position by her own lights, since philosophical methodology is not “favoured”! She is aware of this, and, true to her convictions, she “goes native”. She does some honest and interesting mathematics. By her naturalist inspired reductio argument, philosophers should all “go native”. This smacks of paradox since she gives philosophical arguments to argue her way out of making philosophical arguments. I propose to Maddy that she (1) preserve her naturalist insight that philosophers should develop a philosophy of mathematics which reflects what mathematicians actually think. I think that she will then be forced to be a pluralist. (2) Once a pluralist, she should widen the scope of “favoured enquiry” to include philosophy, since philosophy is contiguous with mathematics. I think that these modifications to Maddy's naturalism follow “naturally” from her general philosophical convictions.