

1067-01-1471 **Dominic W Klyve*** (klyved@cwu.edu), 400 E University Way, Ellensburg, WA 98926. *Euler's Rettung: Euler's anonymous work on the limits of mathematics, science, and faith.*

In 1747, Euler wrote (and anonymously published) his *Rettung der gottlichen Offenbarung* (E92), defending the validity of divine revelation as a valid source of knowledge, while considering perceived inconsistencies in mathematics and science. Drawing on a new translation of the *Rettung*, we shall attempt to elucidate some of Euler's religious views, and draw connections between this work and the work he was doing at the time in astronomy and mathematics. We claim that a close familiarity with Euler's mathematical works of the 1740's is necessary to understand this important document, and we will demonstrate some of the mathematical theorems and problems besetting Euler at this time. (Received September 21, 2010)