

1112-01-50

Stanisław Domoradzki (domoradz@ur.edu.pl) and **Margaret Stawiska-Friedland***
(stawiska@umich.edu), 416 Fourth St., Ann Arbor, MI 48103. *The road to the Retract Principle:
Tadeusz Ważewski (1896-1972) and his early work in topology.* Preliminary report.

In 1947, Tadeusz Ważewski, a Polish mathematician, proved his Retract Principle, a profound application of topology to ordinary differential equations. It was subsequently generalized by many authors and gave rise to the theory of Conley index. In this talk we will discuss Ważewski's Retract Principle and his earlier works which set a course for this important result. We will present some unpublished documents. (Received July 06, 2015)