

1106-VD-178 **Jing-Zhong Zhang** and **Zhaochi Zhang*** (ztong@otterbein.edu), Journal of Studies in College Mathematics, Northwestern Polytechnical University, Xian, Peoples Rep of China, and **Shangzhi Li** and **Zengxiang Tong**. *A Note on the Fundamental Theorem of Calculus*. Preliminary report. This note uses examples to show pitfalls of the Fundamental Theorem of Calculus stated in most current textbooks, proves an extension of FTC, suggests a revision of the statement of the FTC, and raises an open problem in calculus. This talk also illustrates a research in educational mathematics. (Received August 05, 2014)