1116-VR-2961   **William C Kronholm*** (`wkronholm@whittier.edu`), Whittier College, Department of Mathematics, Whittier, CA 90608. *Integration by the Wrong Parts.*

Integration by parts is a standard technique for determining antiderivatives for functions. Typically, students learning this technique are encouraged to make the "right" choice of parts. In this talk we explore what happens when the "wrong" choices are made. Perhaps surprisingly, making the "wrong" choices can still lead to closed form solutions to antiderivatives for some elementary functions. (Received September 23, 2015)