1047-58-138   **David H Hamilton*** (`davidhhamilton@mac.com`), 1077 30th St NW Apt 503, Washington, DC 20007. *Explicit Wild Reflections.*

Many years ago Bing proved the existence of a reflection $F : \mathbb{R}^3 \to \mathbb{R}^3$ with fundamental domains which were not simply connected, disproving the Smith Conjecture. Bing asked for a graphic example. Following an idea of Dennis Sullivan we give an example explicit enough to illustrate. We note that if is NOT "bi-hölder" (in the usual definition), contradicting our own conjecture. By our general theory no wild reflection can be quasiconformal. (Received January 25, 2009)