

within the context of existing scientific epistemology. The profound question for scientists in the Twenty-first Century: Is it possible to weaken scientific epistemology and broaden the domain of science without destroying it?

Edward R. Dougherty
College Station, Texas
October 2016

ERRATUM NOTE:

The highlighted words are missing from the first printing. The complete sentence reads: "Just as physicists in the first half of the Twentieth Century had to squarely confront the unintelligibility of Nature, today's scientist must confront the virtual impossibility of reconciling the desire to model big systems with small data within the context of existing scientific epistemology."