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Engineering a Safer World

Systems Thinking Applied to Safety

By: Nancy G. Leveson

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ENGINEERING A SAFER WORLD

Systems Thinking Applied to Safety

Nancy G. Leveson

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We pretend that technology, our technology, is something of a life force, a will, and a thrust of its own, on which we can blame all, with which we can explain all, and in the end by means of which we can excuse ourselves.

—T. Cuyler Young, *Man in Nature*

To all the great engineers who taught me system safety engineering, particularly Grady Lee who believed in me. Also to those who created the early foundations for applying systems thinking to safety, including C. O. Miller and the other American aerospace engineers who created System Safety in the United States, as well as Jens Rasmussen's pioneering work in Europe.

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