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## UNIVERSAL BEHAVIOR OF A CYCLIC OXIDATION MODEL



Universal Behavior of a Cyclic Oxidation Model

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BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 26 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. A mathematical model has been generated to represent the iterative, discrete growth and spallation processes associated with cyclic oxidation. Parabolic growth kinetics ( $k_p$ ) over and a constant spall area ( $F_A$ ) were assumed, with spalling occurring interfacially at the thickest regions of the scale. Although most models require numerical techniques, the regularity and simplicity of this progression permitted an approximation...

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