



Bismarck Zwolf Jahre Deutscher Politik, 1871-1883 Von I.E. H. Robolsky.

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 214 pages. Original publisher: Washington, D. C. : National Aeronautics and Space Administration, 1993 OCLC Number: (OCoLC)235943970 Subject: Chemical kinetics -- Data processing. Excerpt: . . . of specialized solution techniques, as well as fast computers, that have made possible economical solutions of complex reaction problems. In addition to solving the ODEs describing chemical kinetics, it is often necessary to know what effects variations in either initial condition values or chemical reaction mechanism parameters have on the solution. Such a need arises in the development of reaction mechanisms from experimental data (ref. 8). The rate coefficients are often not known with great precision and in general, the experimental data are not sufficiently detailed to accurately estimate the rate coefficient parameters. The development of a reaction mechanism is facilitated by a systematic sensitivity analysis, which provides the relationships between the predictions of a kinetics model and the input parameters of the problem (refs. 3, 9, and 10). The code LSENS has been developed for efficient and accurate chemical kinetics computations and includes sensitivity analysis for a variety of problems, including nonisothermal conditions. LSENS replaces the...



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