THUMBNAIL
NOT
AVAILABLE

DOWNLOAD PDF

Etudes Politiques

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Original publisher: Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, 1990 OCLC Number: (OCoLC)67836453 Excerpt: . . . for the least squaresproblems (P) and (pN) whenever one formulates these with pointwise observations of either velocity or acceleration. Example 4. 2 For this example we return to the so-called RPL experiment discussed in some detail in BGRW . The focus of our attention is a cantilevered Euler-Bernoulli beam with a flexible gas hose and thruster nozzle attached to the free end as depicted in Figure 2. 2 of BGRW . The structure is modeled as a uniform cantilevered beam with Kelvin-Voigt internal damping and tip mass with a mass-spring-dashpot assembly attached at the tip. Along with the usual damped Euler-Bernoulli beam equation 0Su 0, 0 z i, we have the force balance equation at the tip 32u 84u E-83u (4. 3) Lmr--- CDloxac3 1--x3l : t Ou t-cH (1 (t)-- (,))-F kH (y (t)-u (t,)) f (t) and the hose assembly state equation (4. 4...

READ ONLINE
[4.18 MB]