

NON-PARAMETRIC MODELS OF MEASURING SPACE VEHICLE THERMOREGULATION SYSTEM UNIT EFFICIENCY INDICATORS

© 2007 M. I. Sokolov

Zhelesnogorsk Branch of Krasnoyarsk State Technical University

The paper investigates the interrelations between the efficiency indices of low-consumption fans and electric pump units of space vehicles, their dependence on design parameters of the elements and technological conditions of use. The peculiarities of the systems under investigation presuppose using non-parametric methods of information processing. The results of computational elements with a view to defining efficient modes of the use of units.