



de Rerum Natura Libri VI Recogn. Sac. Bernaysius

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 98 pages. Original publisher: Atlanta, Ga. : The George W. Woodruff School of Mechanical Engineering, Georgia Institute of Technology, 1988. OCLC Number: (OCoLC)62365003 Excerpt: . . . drive mechanism. Through the projections, predications, and calculations of Dr. Davey and this report, the CS motor can be utilized for the LMTV drive mechanism. The design for the LMTV will be a 3 foot radius, double-sided stator motor. Current design of the CS motor requires a rotor as a rotating fixture of the wheel and the stator as a non-rotating component of the wheel assembly. The rotor section of the wheel is a set of magnets radially oriented in the peripheral direction around the wheel. The magnets of the rotor are currently designed with a ceramic material. The magnets are arranged in an alternating north-south pattern. The stator consists of a three phase winding embedded in a iron laminate. By alternating a three phase excitation of current on the stator winding, control and torque generation can be achieved. Although this motor is a direct drive DC motor, it can be considered as a three-phase AC motor. The stator windings are...



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