

CENTRO INTERNAZIONALE MATEMATICO ESTIVO

(C. I. M. E.)

I^o - Ciclo - Bressanone dal 21 al 31 maggio 1967

"MODERN QUESTIONS OF CELESTIAL MECHANICS"

Coordinatore: G. COLOMBO

C. AGOSTINELLI	: Sul problema delle aurore boreali e il moto di un corpuscolo elettrizzato in presenza di un dipolo magnetico.	pag. 1
G. COLOMBO	: Introduction to the theory of earth's motion about its center of mass".	pag. 27
E. M. GAPOSCHKIN	: The motion of the pole and the earth's elasticity as studied from the gravity field of the earth by means of artificial earth satellites.	pag. 47
I. I. SHAPIRO	: Radar astronomy, general relativity, and celestial mechanics.	pag. 65
V. SZEBEHELY	: Applications of the restricted problem of three bodies in space research.	pag. 169
G. A. WILKINS	: The analysis of the observations of the satellites of Mars.	pag. 221