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Sci - Engineering, research, organization
Soc - Statistics

Experimental Information Machine of the Institute of Scientific Information of the USSR Academy of

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Incoherent Electron Radiation in a Synchrotron and Certain Applications in Investigating Accelerator Operation, by Yu. M. Ado, P. A. Cherenkov, 6 pp.

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Features of the 280-Mev Synchrotron at the Institute of Physics, Academy of Sciences, U.S.S.R., by A. Ya. Boliak, V. I. Veksler, V. N. Kamennikov, P. A. Cherenkov, B. N. Yablokov, 12 pp.

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Cherenkov, V.
A "SATURNIAN RING" AROUND THE EARTH. [1961] [12]p. [USASIA] Tr-1065.
Order from OTS or SLA $1.60 61-19686

Trans. from [Izobretatel' i Ratsionalizator] (USSR) 1960, no. 2.

DESCRIPTORS: *Aerosols, *Climate, Sun, Rockets, *Temperature control, *Communication systems

It is proposed that the climate of the territory lying between 70° and 90°N latitude could be warmed by creating an artificial ring of dust around the earth. The ring would diffuse solar radiation and reflect part of the energy toward the earth. Calculations indicate that a ring approximately 100-km wide at an altitude of 1000 to 1500 km would be required. The ring could be created by using rockets. The belt could be made to reflect light (and thereby illuminate the earth) and/or used for worldwide radio or TV broadcasting. The (Earth Sciences--Meteorology, TT, v. 6, no. 1) (over)

61-19686

1. Title: Saturnian ring
I. Cherenkov, V.
II. USASIA Tr-1065

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Determining the Average Speed and Concentration of Particles of a Rapid Flux of Rarefied Plasma, by V. B. Cherenkov, G. Yu. Sevast'yanov.

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FTD-TT-64-9347

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NCH-202 007 Field 6C, 2E

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THE EFFECT OF CERTAIN FOODS ON GASTIRC SECRETION IN PIGS (Vliyanie Nekotoryikh Pishchevyikh Veshchestv na Zheludochnuyu Sekretsiyu u svine), 1965, 6p. RTS-2940.
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Long Range Propagation of Ultrashort Waves, by Ye. L. Gherenkova, 68 pp.

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Simplified Analysis of the Processes of Multichannel Two-Position Control and a Certain Method for Correcting Them, by A. I. Cherepanov, 7 pp.

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