

Abstracts

Millimeter Wave Generation by Cerenkov Radiation

*M. Danos and H. Lashinsky. "Millimeter Wave Generation by Cerenkov Radiation." 1954
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As a part of the Columbia University Radiation Laboratory program for the generation of millimeter waves the Cerenkov effect is being used to produce microwave radiation. The frequency range of interest in this project is in the submillimeter region in as much as the longer wavelengths can be generated by conventional methods. I shall first describe briefly the properties of Cerenkov radiation and then report on results obtained to date and on the program planned for the immediate future.

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