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Fundació FERRAN SUNYER I BALAGUER

Mathematical Reviews
416 Fourth Street
Ann Arbor
Michigan 48103
U.S.A.

Dear Sir,

I have sent you under separate cover a reprint of my paper "SOBRE UN ESPAI DE FUNCIONS ENTERES D'ORDRE INFINIT" which has appered in a collection that published papers on Chemistry Phÿsics and Mathematics and which I believe you do not receive.

I enclose herewith a summary in English as paper is written in Catalanian.

Yours sincerely

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English summary

Sunyer Balaguer, F.

ON A SPACE OF ENTIRE FUNCTIONS OF INFINITE ORDER (Catalonian)
Institut d'Estudis Catalans Arxiu de la Secció de Ciències
33 (1967).

Let $S_{w,t}$ be a topological functional space formed by entire functions of infinite order and of a fixed growth (it would require too much space to outline the author's exact definition of $S_{w,t}$). Then among other results the author proves: Theorem IV: The set $A_{S_{w,t}}$ formed by all the $F_{S_{w,t}}$ which have an exceptional value of Picard is a F -set of first category. Theorem V: the set $C_{S_{w,t}}$ formed by all the $F_{S_{w,t}}$ for which there exists a direction that is not a Borel-Valiron one without exceptional value is a F -set of first category. Since $S_{w,t}$ is of second category theorems IV and V prove that the functions F_A and F_C are exceptional in a certain topological sense.