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David Wales
& NJAS

Correspondence

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CALIFORNIA INSTITUTE OF TECHNOLOGY

ALFRED P. SLOAN LABORATORY OF MATHEMATICS AND PHYSICS
MATHEMATICS 253-37

July 3, 1991

Dear Neil,

I don't believe Chris Landauer ever did publish his thesis. With the classification, it would be straightforward to list the simple groups with up to 21 conjugacy classes I think. I don't know of anyone who has done it, however. The reason for such work at the time was the hope of finding a new simple group. This has of course changed.

I apologize that my telephone number reads 213. I guess I missed it when they sent for info.

Best wishes

David

6379



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June 26, 1991

Professor David Wales
Mathematics Department
California Institute of Technology
Pasadena, CA 91125

My Ref. A6379

Dear David:

Your 1973 student Chris Landauer gave a table in his thesis of the number of noncyclic simple groups with n conjugacy classes, for $n \leq 11$ (complete), $12 \leq n \leq 21$ (possibly incomplete). In view of the classification theorem, can one now say his table is complete up to 21? (It doesn't look complete, but it might be.) Did he publish these results?

I am finally doing the revision of my Sequence book!

By the way, in the AMS membership list they still give your area code as 213!

Best regards,

N. J. A. Sloane