

**SPECTRA OF FINITE SYMPLECTIC
AND ORTHOGONAL GROUPS***A. A. Buturlakin*

The spectrum of a finite group G is the set of the orders of elements of G . In the present article, we obtain an arithmetical description of the spectra of finite symplectic and orthogonal groups. In particular, we describe the spectra of finite simple groups in these two classes.

Key words and phrases: spectrum of a group, finite group of Lie type, finite simple group.

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