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## Feit-Thompson theorem

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An important result in the classification of all finite simple groups, the Feit-Thompson theorem states that every non-Abelian simple group must have even order.

The only known proof requires 255 pages.

## 1 References

Feit, W. and Thompson, J. G., *Solvability of groups of odd order*, Pacific J. Math. 13 (1963), 775-1029.