Otto Hölder

Canonical name	OttoHolder
Date of creation	2013-03-22 16:14:22
Last modified on	2013-03-22 16:14:22
Owner	Mravinci (12996)
Last modified by	Mravinci (12996)
Numerical id	11
Author	Mravinci (12996)
Entry type	Definition
Classification	msc 01A60
Synonym	Otto Holder
Synonym	Otto Hoelder

Otto Hölder German mathematician (1859–1937) best known for Hölder's inequality and the `http://planetmath.org/JordanHolderDecompositionTheorem`Jordan-Hölder theorem. Hölder also made many essential first steps in the then emerging study of groups. Some of his results include a complete classification of the groups of `http://planetmath.org/OrderGroup`order p^2, p^3, p^4, pq and p^2q (p and q different primes) and are an early example of the power of the Sylow theorems for finite group theory.

He studied at the University of Berlin, got his doctorate from the University of Tübingen, and taught at the University of Leipzig.

The generalized mean is sometimes called the "Hölder mean".