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QED

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Entry type	Definition
Classification	msc 00A99
Synonym	Q.E.D
Related topic	QEDInTheoreticalAndMathematicalPhysics
Related topic	QCDOrQuantumChromodynamics
Related topic	MathematicalFoundationsOfQuantumFieldTheories
Related topic	QuantumOperatorAlgebrasInQuantumFieldTheories
Related topic	GrassmanHopfAlgebrasAndTheirDualCoAlgebras
Related topic	FoundationsOfQuantumFieldTheories
Related topic	QuantumChromod
Defines	Halmos symbol
Defines	tombstone
Defines	Halmos tombstone

The term “QED” is actually an abbreviation and stands for the Latin *quod erat demonstrandum*, meaning “which was to be demonstrated.”

QED typically is used to signify the end of a mathematical proof. The symbol



is often used in place of “QED,” and is called the “tombstone”, “Halmos symbol” or “Halmos tombstone” after mathematician Paul Halmos (it can vary in width, however, and sometimes it is fully or partially shaded). Halmos borrowed this symbol from magazines, where it was used to denote “end of article”.