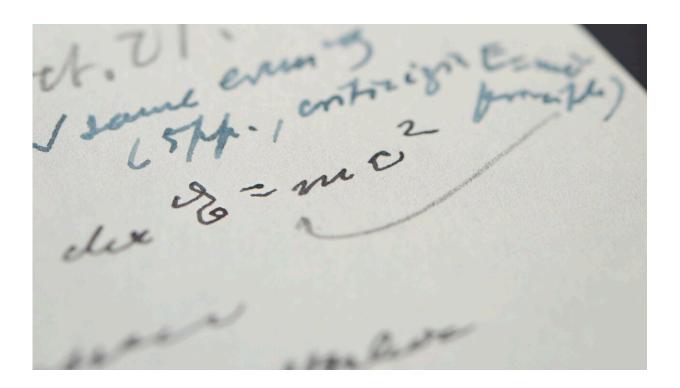


Handwritten example of famous Einstein equation gets \$1.2M

May 21 2021



In this undated photograph, provided by Boston-based RR Auction, shows a letter written by Albert Einstein, in which he wrote out his famous "E = mc2" equation, that sold at auction for more than \$1.2 million. Archivists at the Einstein Papers Project at the California Institute of Technology and the Hebrew University of Jerusalem say there are only three other known examples of Einstein writing the world-changing equation in his own hand. Credit: Nikki Brickett/RR Auction via AP



A letter written by Albert Einstein in which he writes out his famous $E = mc^2$ equation has sold at auction for more than \$1.2 million, about three times more than it was expected to get, Boston-based RR Auction said Friday.

Archivists at the Einstein Papers Project at the California Institute of Technology and the Hebrew University of Jerusalem say there are only three other known examples of Einstein writing the world-changing equation in his own hand.

This fourth example, the only one in a private collection, only became public recently, according to RR Auction, which had expected it to sell for about \$400,000.

"It's an important letter from both a holographic and a physics point of view," Bobby Livingston, executive vice president at RR Auction said, calling the equation the most famous in the world.

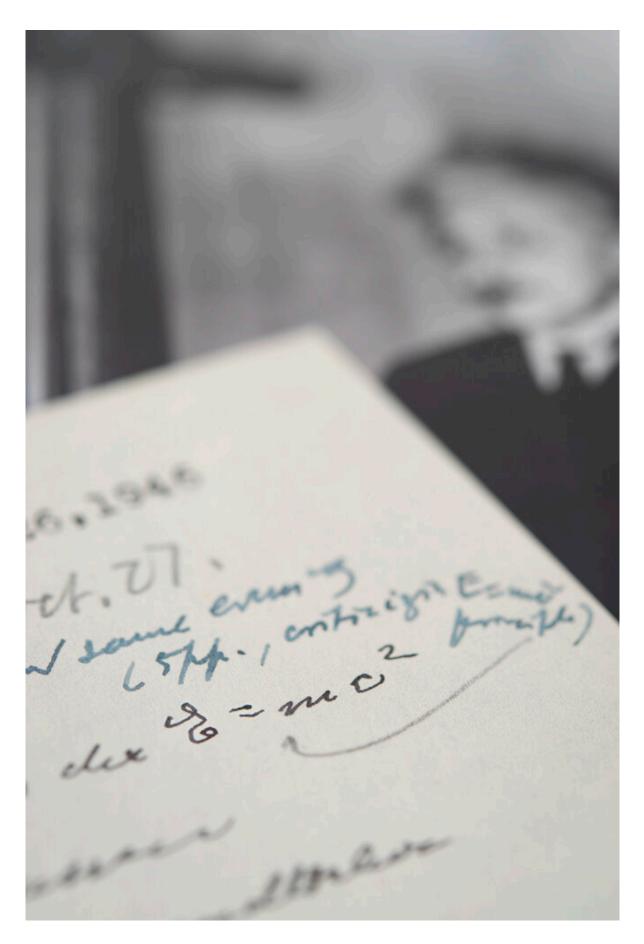
The <u>equation</u>—energy equals mass times the speed of light squared—changed physics by demonstrating that time was not absolute and that mass and energy were equivalent.

The one-page handwritten letter in German to Polish American physicist Ludwik Silberstein is dated Oct. 26, 1946.

Silberstein was a well-known critic and challenger to some of Einstein's theories.

"Your question can be answered from the E = mc2 formula, without any erudition," Einstein wrote in the letter written on Princeton University letterhead, according to a translation provided by RR Auction.







In this undated photograph, provided by Boston-based RR Auction, shows a letter written by Albert Einstein, in which he wrote out his famous "E = mc2" equation, that sold at auction for more than \$1.2 million. Archivists at the Einstein Papers Project at the California Institute of Technology and the Hebrew University of Jerusalem say there are only three other known examples of Einstein writing the world-changing equation in his own hand. Credit: Nikki Brickett/RR Auction via AP



	October 26,1946
h	Recdoct. 27.
Lactor Fleor Filbersteis!	9. 1.
The Frage livest will so le let	1366 2-4 1-
Thre Frage land rich ahne alle Geleberaum	red aus der &= mc2 mate)
Formel beautovorten. Ist & dow Eneme Three curs clers of bestellender Systems & 15 9	wid Mussen
Eastformey rucher, dans int de Me Marces, were in	to the uncertally live
Eastformy rucher, dam ist der Muserdefekt des Syr	Tems
0 6	
In Therm Fall int (& - eg) = K m2	
Ju Them Fall ist (& - ed) = K m2. Heyers doc kinchereless generate Europe defekt wholes all Kiriglisher	e Courgoe sit der
Ist also Al die Nanc des Gene of	hulb sor gross.
$2m-M=2Km^2$	
in der anglestrelten Näherung, d. h. wenn mere der Ein Ter bür der Marsen vanashlössögt.	
des Reddus der Marsen vaneshlössögt.	flux der Endlockhait
Rominiente Formal 1 & mongraph, dans dies adereine auf de	- Rade 11
the workings Vorednessen	e huber de a -
an igreenibati	,
Hey title ground Lie The	willisto.
ouglish groups Lie The	entrojates on the set.
A. Timstin.	willisto.
A. Timstin.	willisto.
ouglish groups Lie The	willisto.
A. Timstin.	willisto.

In this undated photograph, provided by Boston-based RR Auction, shows a



letter written by Albert Einstein, in which he wrote out his famous "E = mc2" equation, that sold at auction for more than \$1.2 million. Archivists at the Einstein Papers Project at the California Institute of Technology and the Hebrew University of Jerusalem say there are only three other known examples of Einstein writing the world-changing equation in his own hand. Credit: Nikki Brickett/RR Auction via AP

The letter was part of Silberstein's personal archives, which were sold by his descendants.

The buyer was identified by RR only as an anonymous document collector.

The rarity of the <u>letter</u> set off a bidding war, Livingston said.

Five parties were bidding aggressively at first, but once the price reached about \$700,000, it became a two-party contest, he said.

The <u>auction</u> began May 13 and concluded Thursday.

© 2021 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: Handwritten example of famous Einstein equation gets \$1.2M (2021, May 21) retrieved 11 July 2024 from https://phys.org/news/2021-05-handwritten-famous-einstein-equation-12m.html

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.