

Einstein's Latest Theory May Be Greatest of All Time

New York, Dec. 28 (AP)—Dr. Albert Einstein, whose theory of relativity helped open up the whole vast field of atomic research, has put forward an even more sensational theory.

He calls it "a generalized theory of gravitation." It is a mathematical description of the mystery of gravity—the common force that keeps our feet on the floor and rules the movements of the stars.

If it can be proved, it will become a "universal law" and, in the view of other scientists, will stand as the highest scientific achievement of all time.

It would explain every physical motion in the universe, from the inside of an atom to the enormous galaxies of outer space. It would crown with success the life work of Einstein, who has spent the last half of his 70 years looking for the answer to this ultimate problem, known to science as the "unified field theory."

It was revealed to the world here yesterday on 20 mimeographed pages—a mixture of typewritten words and squiggly mathematical symbols that even scientists hesitate to interpret. It was the English translation of Einstein's original German.

Einstein describes it as an extension of his relativity theory, and was quick to point out that he has "not yet found a practical way to confront the results of the theory with experimental evidence"—or in short, to prove it.

When he published the "general theory of relativity" in 1915, Einstein suggested several actual tests that could be made to prove his ideas—and which actually did prove them in 1921. But this new theory is apparently so ab-

board explanations of his equations.

But proof, if the theory can be proved, may take years, and any practical use may take years longer.

In earlier theories, Einstein linked up space-and-time, matter-and-energy, and gravitation-and-inertia, as all parts of a single concept.

But one great force was left out—electromagnetism. This is what creates "electricity" and it is, like gravitation, an invisible force field that can act at a distance.

The new theory now includes electromagnetism, and it and gravitation are now viewed as two forms of one overall force.

In his general theory of 1915, Einstein showed by mathematics that gravitation and inertia were equivalent. This theory was proved when astronomers were able to detect the sun's gravity bending light from a distant star.

In an earlier special theory of relativity in 1905, Einstein had shown that space and time, instead of being separate, were both parts of a "space-time continuum."

As one result of the 1905 theory, Einstein wrote an equation saying that matter could be converted into energy—a fantastic amount of energy.

It seemed only a scientific curiosity until some matter—uranium 235—was turned into energy 45 years later over Hiroshima.

No one knows what it will take to prove Einstein's new theory.

Or how long . . . or where.

Ex-TCU Head Dies
Fort Worth, Tex., Dec. 28 (AP)—Dr. E. M. Waits, 78, president emeritus of Texas Christian university, died at his home Monday night of a heart ailment. He

Instructor Claims Einstein Swiped His New Theory

Marlboro, Mass., Dec. 28 (AP)—William G. Graves, 32, an English instructor at Worcester Junior College, said today that he developed the theory of gravitation which was announced Monday by Prof. Albert Einstein.

"This is my material, and I hate to let it go," Graves said.

He worked for 15 years to develop the equation on which he contended Einstein's new theory was based, he added.

The young instructor called it "Graves Gravitational Theory," and said he discussed the general subject with Einstein in 1942 and considered it "very unlikely" that a coincidence was involved.

Graves said the famed physicist's work undoubtedly was based on his equation: $G \text{ equals } X \text{ times } MC \text{ squared}$.

He said he informed Professor Norbert Wiener of Massachusetts Institute of Technology of his studies last month but had no idea whether Wiener discussed the matter with Einstein.



Berserk—Carl Schwarz, 39 (above), is led to psychopathic cell at the Sonoma county jail in Sonoma, Calif., after reportedly going berserk and killing Mrs. Jane Maggard Dickson, prominent socialite, and seriously wounding a fellow employe. Schwarz was a foreman of the Dickson ranch. (Acme-Telephoto)

retired as president of TCU in 1941 after 25 years at the university's helm, in its period of greatest growth.

Most Polio Cases In 5-9 Brackets

Thirty-six and seven-tenths percent of Marion county's 30 cases of poliomyelitis during 1949 up to December 15 were in the 5 to 9 year age bracket, according to compilations of the county health department.

This is slightly higher than for the Pacific coast of 34.59 percent and 35.19 percent for the nation.

The 15 to 19 year age group had the lowest percentage, the records showing 6.70 percent as against a Coast mark of 13.53 and 3.91 for the nation. Marion county's 20 percent of polio incidence in the 4 year and under group was less than half the national record of 45.98.

Marion county's 2314 births during 11½ months of the year was at a rate of 23.14 per 1000 estimated population. Deaths of 746 were 7.46 per 1000. The deaths of six infants was at a

rate of 2.60 per 1000 live births and the nine deaths from tuberculosis constituted a rate of nine per 100,000 estimated population.

Church Society Elects
Woodburn — Officers of the Women's Missionary society of

the Presbyterian church, all of whom were re-elected at the December meeting are: Mrs. Alice Hughes, president; Mrs. Harry VanArsdale, vice president; Mrs. H. F. Butterfield, secretary-treasurer; Mrs. Harris Nelson, corresponding secretary.

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