

TEXAN CLOCKS SPEED OF LIGHT BY NEW METHOD AT 186,264 MILES A SECOND

Wilmer C. Anderson, 30-year-old Texan, has been attributed by physicists at Harvard University, where he is a graduate student after having taken both his A.B. and M.A. degrees at Baylor University here, as having begun a new era in science by his method of measuring the velocity of light, the world's fastest thing.

The new device is said to be so accurate that it has reduced the margin of error of measuring the enormous speed to two and a half miles per second, while the velocity is figured at 186,264 miles per second.

His apparatus for refining the measurements is so compact that it may be housed in a small laboratory room and eliminates friction as a source of error. The measurement is automatic, the clocking being done not by the eye but by a photoelectric cell.

The principle is that of cutting a light beam up into a certain number of sections per second, then measuring the length of one section. This is like clocking the speed of a freight train when you know the length of the cars, it is explained. If the cars are 30 feet long and you see two of them pass a given point every second you know the speed is 60 feet per second.

Thus in perfection of the device, Waco-born, Baylor-trained Anderson has done what scientists have been trying to do since Galileo Galilei (1564-1642) first attempted the measurement of light. The great Galileo tried to clock the speed by means of lantern slides between mountain tops.

The first good figure for light's speed was obtained in 1876 by a Danish astronomer, Ole Roemer,

who measured the variations in eclipse times of Jupiter's satellites by earth's distance from the planets. That calculation was about three percent too high.

First terrestrial measurement of worth was made in 1849 by Armand Hippolyte Louis Fizeau of France, who passed a beam of light through the teeth of a spinning cogwheel.

College Girl Advances Amazing New Theory

Physicists should be interested in the theory advanced by Jewel Martin, University of South Carolina Journalism Junior, regarding moving bodies and stopping trains.

Jewel was doing very well while under fire from one of Dr. G. R. Sherrill's verbal lambastings. But suddenly Dr. Sherrill changed his tactics. To better illustrate this point, he began to get some personal history.

"You're from Branchville?" he snapped. "Yes," answered Jewel. "And it may be a small town but it's the world's oldest railroad junction."

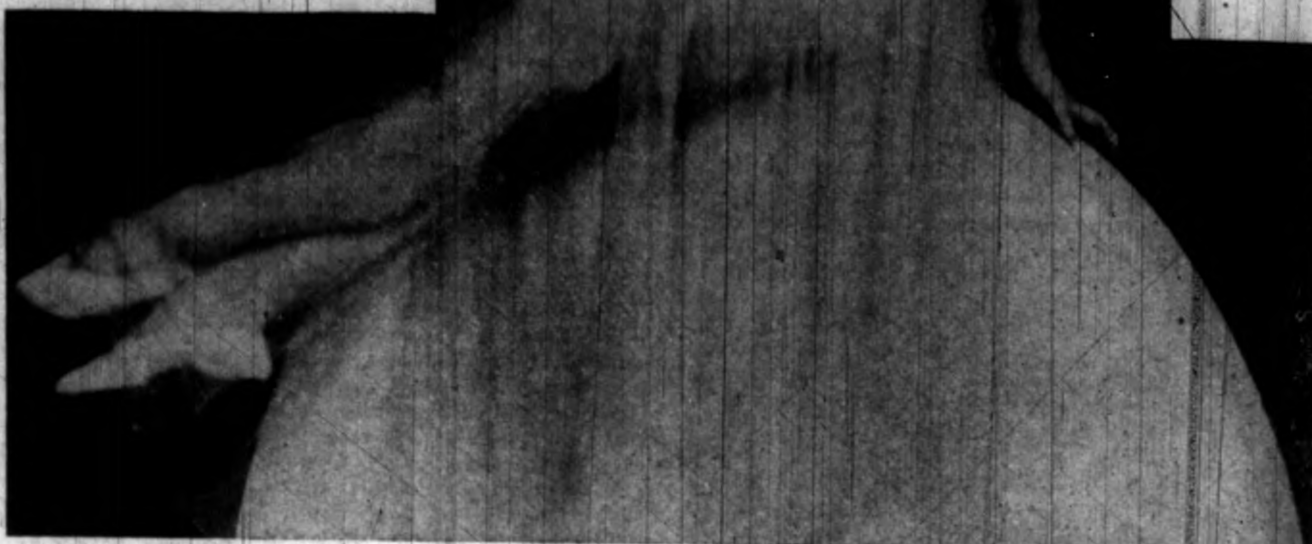
"Do trains stop there?" Sherrill next asked. Then Miss Martin revealed her supplement to Isaac Newton's laws of motion.

"No! Not ordinarily," she said innocently. "But, if they're going to stop, they slow down."

Which is amazing! Acrobatic tumbling went on the air for the first time when University of Southern California gymnasts performed for a television broadcast.

To Dance Tonight At Eighth Cotton Ball

This lovely lady is Miss Evelyn Saylor of Houston, featured ballet dancer, who will appear as one of the entertainers at the annual Cotton Pageant and Floor Show held in the gym tonight. Gowns from Foley Brothers, Houston, will be shown in the Style Show at the Pageant.



Colorful Cotton Ball, Pageant, Style Show Are Renowned Events

Only two "generations" of Aggies have passed through the doors of A. & M. since the first Cotton Ball, Style Show and Pageant took place, yet so popular and well-conducted has the event been that already it has become the most widely-renowned social event on the campus, and is known all over the state. As most successful projects, the Cotton Ball was begun for this reason more than any other, the Ball has continued to grow in scope and interest each year since its beginning.

In the spring of 1932, during the very midst of the depression, several of the members of the Agronomy teaching staff decided that a select group of boys would profit greatly by an extended trip to foreign cotton-growing countries. Under the chairmanship of professor J. S. Mogford, the agronomy students planned a style show

of cotton materials, to be followed by a dance designated as the Cotton Ball. The proceeds, together with generous donations from several Southern cotton firms, were to be used to finance the trip.

The date for the initial affair was set in the early spring, when the social life of the campus was at its lowest ebb. A large crowd attended the occasion, and went away well pleased. The agronomists were pleased, too; they had cleared enough for a splendid trip for the winners of the contest.

The first style show was held in the gymnasium and the Ball followed in the same place. The same was true of the next two annual events, but the Ball soon outgrew the limited space of the gym floor, so the Ball was moved to the main Mess Hall. This was just as well, for the Pageant and Style Show had kept pace in size and color with the Ball, and a great deal more space was needed for seats, decorations and spectators.

The same fundamental plan has been followed through the years, but variations, additions and changes have been numerous. There has, of course, been the royal court composed of young ladies who represented schools and organizations throughout the state and their cadet escorts; the entrance of King and Queen Cotton; and the floor show and entertainment following. Floor show attractions have included single and group dance numbers; musicians, both serious and comic; specialty singers; and dramatic sketches.

The custom, started several years ago, of sending invitations to many schools, city organizations and campus clubs to select young ladies to represent them in the Pageant, has been widely popular. Interesting in this respect is the fact that arrangements were made whereby Texas University student officials advanced the day for election of Round-up Sweetheart nominees, so that they might be included as a special part of the the Agronomy Society has followed the custom, contrary to most organization dances, of engaging the Aggieband Orchestra to furnish the music for the Ball.

Mrs. Elias (Otelia) Compton (above), of Wooster, Ohio, mother of three sons and a daughter who is a leader in religious education in India, has been chosen the American mother for 1939. She was selected by committee of the Golden Rule Foundation.

Los Angeles City College has a course to train peace officers.

Turn About Is Fair Play



Reversing the usual procedure, visiting New Yorkers to El Tovar, N. M., sell a blanket to one of the reservation chiefs, shown above. Dale Carnegie (left), author of "How to Win Friends," did the selling. Dinty Doyle, radio columnist, gives his approval to the deal.



Charles Gollub, 48, is comforted by his wife, Elsie, 43, in the district attorney's Hollywood office, as they charged they had been attacked and beaten by Bert "Mad Russian" Gordon and other members of Eddie Cantor's radio program cast. Cantor said he was making an after-broadcast speech about Hitler when Gollub gave him the raspberry.

PLANS ANNOUNCED FOR MOTHER'S DAY EVENTS MAY 13, 14

The annual Mothers' Day festivities at A. & M. will be held this year in conjunction with the Engineering Show May 13 and 14. Plans are being completed for the events. On Saturday, May 13, the Engineering Department will be open for public inspection in honor of the visiting parents. Exhibitions and demonstrations will feature the event.

The pinning of flowers on the cadets will be followed by a corps review on the morning of Mothers' Day. The corps, instead of being dismissed after the review, will march to Kyle Field. After the morning program has been completed, a picnic lunch will be served there for the cadets and their visiting parents and friends, according to present arrangements with J. C. Hotard, Supervisor of Subsistence.

In the afternoon the dormitories will be open for visitors. The Ross Volunteers will stage a demonstration drill at 3:30, and the Aggie Band will give a concert at 5:30 that afternoon. Music in Guion Hall will complete the afternoon's program.

Hobart College annually conducts a special training course for justices of the peace.



A PICTURE THAT DARES TO BE HUMAN AND TRUE!
...brought to the screen from Kate Douglas Wiggin's glorious novel of American girlhood!



Saturday, April 22
12:45 "Y" Cards Good



Yes, my darling daughter
MISCELLA Lane & JEFFREY Lynn
Roland Young - Fay Bainter
May Robson
GENEVIEVE TOBIN - IAN HUNTER
Directed by WILLIAM KENNELLY
Screen Play by Casey Robinson - From the Stage Play by HEALEY BURTON - First National Playhouse
Produced by WARNER BROS.

Saturday, April 22
6:45 and 8:30 P. M.



Mother's Day, May 14

Plan now to make her day a happy one. Have a new portrait made, specially for her.

Aggie Studio
Picture Frames
Kodak Finishing

KEEP FEELING FINE

IN '39

ENJOY



ICE CREAM



ATTENTION MEN



See Our Window Display Of
GLOVER BUSH COATS AND JERSEYS

THE EXCHANGE STORE

"An Aggie Institution"