

Relativity Theory Being Tested in Lab

Washington - (Science Service) - A laboratory experiment to test Einstein's general theory of relativity is now under way at Columbia University in New York.

Dr. C. H. Townes, who is directing the tests, told Science Service by telephone that the experiments involved rotating two masers at right angles to each other.

The equipment used, he said, is very similar to the setup with which he and his co-workers last year confirmed Einstein's special theory of relativity with more precision than previously attainable.

Experiments Continued

He said the experiments confirming the special theory had been continued during the past year to make sure that there were no effects dependent upon the earth's position in its orbit around the sun.

The year-long tests indicated there are no such effects.

An outline of the new experiment now being conducted by Dr. Townes' group is reported in the current Physical Review Letters (Oct. 1) by Dr. Huseyin Yilmaz of the Institute for Advanced Study, Princeton, N.J. Dr. Yilmaz, on leave from the Sylvania Electronics Systems, Waltham, Mass., also suggests another experiment to test Einstein's general theory of relativity.

At present there are no known plans to conduct this experiment.

The general theory, so-called because it is a generalization of Einstein's special theory, has as its fundamental basis the principle of equivalence, that is, the equality of the inertial and gravitational mass of a system. The experiment to test this theory using masers was first suggested by Dr. Townes, Dr. Yilmaz reported.

Applies To Radio Waves

Einstein's special theory postulates that the velocity of light, 186,000 miles a second, is independent of its frame of reference of the motion of the light source, itself. This theory also applies to radio waves, which travel at the speed of light.

Maser is a term formed from the phrase, Microwave Amplification by Stimulated Emission of Radiation. The maser used by the Columbia group is a tubular cavity through which a beam of ammonia molecules flow, radiating radio waves at their natural frequency.

The experiments testing Einstein's theories are designed to detect any changes in wave frequency that occur when the stream of molecules in the maser travel in different directions in relation to the earth or the sun.

Drug Buyers To Talk on Uniform Bids for Vaccine

Trenton, N.J. - (UPI) - Wholesale drug buyers from three states and the federal government will testify they received uniform bids on Salk vaccine from five big drug firms now on trial for fixing the price of vaccine, the trial prosecutor announced today.

Lewis Bernstein, presenting the government's case in the trial of the five companies, said he would call as a witness a New York drug wholesaler who was told he could not obtain the vaccine if he submitted a bid under a certain figure.

To Call Purchasers

The government also will call drug purchasers from New York, Connecticut and Texas to show that uniform prices for the vaccine were quoted by the five firms, Bernstein said.

Former New York Gov. Thomas E. Dewey, representing the defendant Eli Lilly & Co., said in his opening statement for the manufacturers that vaccine prices which were similar to the fourth decimal point were the result of well known percentage reductions offered government agencies by the pharmaceutical industry.

The similarity in figures was not the result of a conspiracy, Dewey said.

Portland - (UPI) - The Interior Department plans to spend about \$90 million in the Pacific Northwest in the 1960 fiscal year.

We Give **321** GREEN STAMPS
ELLIS MARKET
820 Crater Lake Avenue

PENNEY'S

ALWAYS FIRST QUALITY!

OPEN MONDAY NIGHT 'TIL 9:00 P.M.

STORE HOURS: MONDAY - 9:30 A.M. to 9:00 P.M.

Tuesday, Wednesday, Thursday, Friday, Saturday - 9:30 A.M. to 5:30 P.M.

DOLLAR DAY

3 Big Days Friday! Saturday

THRIFT VALUES FROM THE MEZZANINE FLOOR



Special \$ Day Buy!
Toddlers Wool Coats
LOOK! FUR TRIM COAT,
HAT SET BUY!

Dyed mouton processed lamb trims collar on adorable princess style. Cute matching bonnet. Soft, warm, sturdy wool and cashmere zibelene.

\$7
toddlers sizes 1 1/2 to 4



FINER MAKE
GIRLS' COTTON FLANNEL PJ'S
\$2.00

Sanforized flannelette; 2-pc. style. Florals or checks. Age 4 to 14.



SUCH SPARKLE!
GIRLS' JEWELLED ORLON SWEATERS
\$2.00 & \$3.00

Kitten soft orlon; machine washable. 5 colors; Cardigan \$3. matching slippers, \$2. Age 7 to 14.



Here's a Real Value!

Brand New FALL DRESSES
\$5.50

Magnificent collection of the season's newest fall dresses. Crisp full skirted cottons, lovely rayon prints, new woven textured cottons. You'll want several of these smart price wise budget savers. Misses or half sizes.

PENNEY'S SECOND FLOOR FASHIONS

GIRLS' NYLON ROBES
Dainty floral prints in washable nylon quilted fall robes—pink or blue. Age 4 to 14. **\$3**

TODDLERS' KNIT POLOS

Easy to launder rib knit, button shoulder polo shirts in a wide selection of colors. Blue, yellow, green, white or pink. Ages 1 to 4.

2 FOR \$1

GIRLS' RAYON PANTIES

Dollar Day Special! First quality rayon tricort knits. Elasticized waist and leg. White only. Ages 4 to 14.

5 FOR \$1

INFANTS' TRAINING PANTS

Heavy quality combed cotton with triple crotch and double body. White. Sizes 1 to 3. Buy a dozen and save even more!

4 FOR \$1

TOTS CORDUROY SMARTALLS

Perfect quality, full cut, machine washable cotton corduroy in assorted light and dark tones. Bib top. Sizes 2 to 4.

\$1

Women's SAILCLOTH SLACKS

Heavy duty sailcloth in red, blue, black, white charcoal and green. Full cut, comfortable, side zipper. Sizes 10-20. Extra sizes 34-40, 3.00.

2 FOR \$5

Women's COTTON DRESSES

Penney's own famous Brentwood cottons in a nice selection of styles and patterns. Sanforized. Misses and halves, broken sizes.

\$1.99

Women's BETTER BRASSIERS

Perfect quality cotton bras with styling of ones you've seen at much higher prices. Stitched cups. White. Sizes 32-42. A, B, C cups.

99c

Women's COAT SWEATERS

Special for \$ Days. Women's 100% soft Orlon button front cardigan style sweaters in pink, beige, yellow, white, blue, coral, nutmeg, turquoise, navy or black in sizes 34 to 40.

\$2.99

Women's QUILTED ROBES

Smart new washable bemberg tricort robes. Dainty nylon trimming in pastel or deep tone shades. Sizes 10 to 18.

\$5

AMAZING DOLLAR DAY BUY! DRIP DRY COTTONS!



ROLL-UP SLEEVE BLOUSES

\$1.50

Yes, you'll marvel at our exciting selection of casual styled blouses in easy-care fabrics that are machine washable! Wonderful, new styles. Colorful candy stripes, plaids or solid tones. Sizes 32 to 38.

PENNEY'S MEZZANINE FLOOR

GIRLS CORDUROY JUMPER SKIRTS

An unheard of value on fine quality Pinwale corduroy with expert workmanship. Permanent fit, lasting comfort. Guaranteed washable colors, full cut to exacting specifications. Size 7-14. **\$1**

STREET FLOOR SPECIAL SAVINGS!

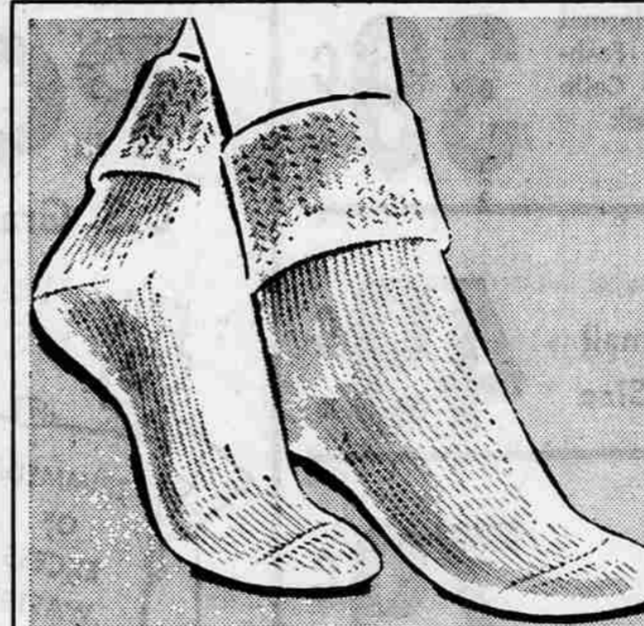


NEW LOW PRICE ON FAMOUS GAYMODE NYLONS!

Unheard of Price! Perfect Gaymode Nylon Hose

Self seams or dark seams for dramatic leg glamour. Penney's sheers have everything you want at an incredible low price. First-quality Gaymodes, 15-denier, 60-gauge nylons give you sheerness plus wear. Sizes 8 1/2 to 11, normal length.

2 pr. 98c



SPECIAL BUY! COTTON TRIPLE ROLL SOCKS

Triple roll cottons for everything sporty! Soft spun cotton is reinforced at heel and toe. Elasticized (stay-up) insert throughout cuff. Machine washable. 8 1/2 to 11.

3 pairs for \$1.00



JUST ARRIVED—NEW COTTON FLANNEL GOWNS

Wonderful buys! Warm nighties, granny styled in pretty prints. Full length. Smart yoke trims. Machine washable, medium setting. Soft cotton flannelette.

\$2.98

Sizes 34 to 48

Women's RAYON PANTIES

Terrific Dollar Day Special. Firmly woven acetate tricort knit panties in soft tone pastels or gay colored prints on white grounds. Sizes small, medium or large.

4 FOR \$1

PENNEY'S STREET FLOOR

10 BALL POINT PENS - ONLY 88c

Another \$ Day Buy! 10 full sized ball point pens with 10 extra refills. Smooth writing, instant drying ink. Retractable top action. Compare and buy them by the dozen.

Penney's Street Floor

WOMEN'S CHENILLE ROBES \$3.00

Repeat of a sellout buy! Your favorite duster-length cotton chenille robes at a very special \$ Day price. 5-button, large-pocket model in pink, blue or melon. Sizes 10 to 20.

Penney's Street Floor

BOYS' POLO SHIRTS 2 for 1.00

Same fine heavy quality that sells for far more! Cotton knits with gay colored stripes. Ages 4 to 12.

Penney's Street Floor

BOYS' COTTON BRIEFS 3 for 1.00

Perfect quality combed cotton knit briefs at a special stock-up price! Heat resistant elastics, taped seams. White. Sizes 4 to 16.

Penney's Street Floor

BOYS 13 3/4-OZ. DENIM JEANS

Musky 13 3/4-oz. weight! Big savings on Penney's authentic Western jeans. Cut slim "fit" trim in the strongest cotton denim made! Fully Sanforized®, ruggedly bar-tacked. Age 6 to 16.

\$1.88

PENNEY'S STREET FLOOR

BOYS' COTTON SOCKS

Novelty pattern hosiery in all the popular patterns and colors. Reinforced heel and toe for additional wear. An extra fine quality at an extra low price. Sizes 6 to 10 1/2.

5 P R S \$1

Penney's Street Floor

BOYS' SWEAT SHIRTS 77c

The kind boys like best! Soft, absorbent cottons. Ideal for sports and leisure wear! Colors red, blue, navy, peacock or maize. Ages 6 to 14.

Penney's Street Floor

MEN'S COTTON 'KERCHIEFS 10 for 1.00

Durability at the tiniest price ever. Standard size handkerchiefs. White or solid colors.

Penney's Street Floor

BOYS' FLANNEL PAJAMAS 1.77

Cotton flannel prints and stripes. Sanforized. A terrific savings! Sizes 6 to 16.

Penney's Street Floor

SPECIAL BUY! SKIRT LENGTHS 1.44 each 60-inch width

Hand washable, crease-resistant blends of rayon with Orlon®, Acrilan® and other novelty fibers. Sew a skirt today! Wear it tomorrow! Pattern and zipper included.

Penney's Street Floor



BOYS' FLANNEL SHIRTS \$1

Bright plaid shirts, full cut for longer wear, and well made of cotton flannel. Sanforized, completely washable and color fast; in sizes 4-18.

BOYS' WEAR—STREET FLOOR