OREGON SUNDAY EMERALD

SUNDAY, MAY 27, 1923

D by Prof. Milne

A little book is being published by the University of Oregon Press which is causing the printers more trouble than anything they have ever before ished, will be a tremendous boon to scientists and mechanical engineers. The title of the work is "Damped Vibrations."

In this book Professor W. E. Milne, of the mathematics department of the University, sets forth the solutions to many of the problems connected with the measuring of friction which heretofore have been merely approximated. mated the retardation, Professor Milne said.

To one who has gone no further in mathematics than geometry the book is first dealing with general qualitative nothing more than a complicated colresults, and the character of the motion lection of figures, both Arabic and which follows. It serves as an intro-Roman, Greek and Latin letters and duction to the more detailed study mathematical symbols, with a little exwhich follows. planatory matter. It was necessary for the University Press to order whole new minute study of the case in which the magazines of characters for its linotype machines in order to set the copy. square of the velocity of vibration.

Professor Milne began at the very beginning when asked to tell what the book would accomplish. "A damped vibration," he said, "is any sort of vi-bration that is retarded by friction.



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Rook Published For example the pendulum swings for a while and then comes to rest. The re-tardation which brings it to rest is the both. The Oregon club is fifth with a rating of 75 percent. The posture examinations Thursday and the relay was won by the Oregon by the damping.'

The book consists of four parts, the

The second division is given to a very

The third is the part in which en

gineers will be most interested. It

problems are given in the last part.

One of the interesting facts concern-

Tri Delts First

The bronze plaque depicting the joy

department.

of 80 percent.

amping." Some of the most difficult mechanical a one day drive by the physical educa-was high point man of the meet, with problems arise through the necessity tion seniors intended to arouse the in- 15 marks to his credit. Professor of Mathematics of measuring the relation between the terest of the girls on the campus in

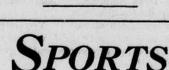
speed of vibration and frictional re- better physical appearance. The pro- OREGON DEFEATED BY Solves Many Problems on sistance. It is this problem which Pro- gram for the day included a mass meet-Damped Vibration Theory fessor Milne has solved in his little ing of the Women's League at which a book. "The amount of frictional resistance the junior and senior gym majors. A

depends upon the speed of vibration," film entitled "Foot Follies" was also the professor said. "In many cases shown.

the resistance increases directly with The drive was under the direction of score of 7 to 0 in the tournament played attempted to print but which, when fincomputing of the retardation of vibra-tion is comparatively easy." in charge of the program at the meet-ing in the afternoon. Posters depict-was lost to the Washington team by

> as the square or other power of the and others bringing out grewsome de- last match of the meet was hotly conspeed of vibration," he continued. In ails of poor posture were prominently tested by both teams and three sets these the computation is much more displayed about the Woman's building were played in order to determine the difficult and has never before been during the meeting and a vote on the winner. Hesketh's brilliant net playsolved mathematically. Mechanical en- most effective one gave the honor to ing and Marion's service were the degineers have heretofore merely approxi-Compte and Esther Pike taking second

and third places respectively.



By Webster Jones

retardation varies according to the TENTH INNING RALLY **GIVES FROSH VICTORY**

gives solutions for more complex cases important in the designing of hydraul-Yesterday's frosh-rook game was not lacking in critical moments, a last min-ute climax, or a happy ending, the score being freeh 4 racks? ic surge chambers in which only approximations have been used before. Numerical tables useful in actually working being frosh 4, rooks 3.

Fred Harrison, whose twirling held Professor Milne began working on Rook sluggers at bay in the first game the problem in the summer of 1921. The of the series, played the part of the suggestion came from a speech given conquering hero in yesterday's melee at a meeting of the American Associaalso. Coming to bat in the last half tion for the advancement of Science in of the tenth inning with the baby Seattle. The summer of the following Beavers holding a one run lead, Harri- and Marion of Washington defeated year he was aided by an army computason slapped one of Coleman's benders on the nose for two bases, scoring Slade 7-5, 4-6 and 6-1. tor from the ordnance department. Students also have helped with the compuand Hobson.

tation. Funds for these services were Considering the fact that Coleman provided by the University research pitched for the Ag youngsters day before yesterday, the lanky boy deserves a lot of credit for his showing in yes-Oregon 6-1 and 6-1. Langley of Washing Professor Milne's work is that it terday's struggle. He was nicked for ing Professor Milne's work is that to was accomplished entirely by mathema-tics without mechanical experiment. Professor Van Zandt at California had Professor Van Zandt at California had previously performed experiments which the bench via the strikeout route. check with Professor Milne's solutions.

"Fuzzy" Carson had a pretty good day in the box himself, and although he passed four men and struck out but seven, he allowed the rooks but seven In Posture Test safeties and kept them well scattered. With the exception of a bobble in the tenth when he threw to catch a man going second when the man going first would have been an easy out, Carson game series this afternoon to the Uni-The bronze plaque depicting the joy would have been an easy out, Carson versity of Idaho by a score of 12 to 8. men's house making the highest aver-of some bad holes without letting any the tests conducted by the sen-are in the tests conducted by the senruns across

age in the tests conducted by the seniors in the department of physical-educopped off the hitting laurels for the cation for women was awarded to Delta Delta Delta, according to the results day with three hits out of four times tion on the squad-from first base to of the tests announced yesterday. The at bat, one of his swats going for four outfield and infield and now he has Tri-Delts stand highest on the list with bags. That hit, incidentally, was one pitched a creditable game to round a lead of nine-tenths of one percent of the longest seen on the local damond out his experience. over Tau Nu, which was given a rating for many moons. It sailed over Terrel's head and by the time the speedy den and Guiernela. University of Ore-

The two houses standing next on the little left fielder could catch up with gon, Brooks, Latham and Cook.

WASHINGTON'S TENNIS TEAM IN TOURNAMENT

The University of Wasrington tennis team easily defeated the varsity by a "In others the resistance increases ing the members of the "Hump" family two straight sets out of three. The

> The winning Washington team was composed of some of the best intercollegiate players on the coast.

Hesketh won the singles in the Pacific Coast conference meet at Seattle on May 11 and 12, while Langley and Hesketh won the doubles in the meet. Three teams were entered-University of Washington, Oregon Agricultural College, and University of Oregon, and Washington won the meet.

The Oregon team was composed of Capt. Steve iWlliams, Leon Culbert-IN HARD FOUGHT GAME son, Hugh Starkweather, Frank Rice and Harry Meyers. Rice and Meyers are new men on the team this year. played in the O. A. C. meet. The next tennis meet will be with O. A. C. at Corvallis on June 2.

Summary of meet:

Doubles: Langley and Livengood of Washington defeated Starkweather and Rice of Oregon 6-4 and 6-2. Hesketh Williams and Culbertson of Oregon Singles: Marion of Washington de-

feated Rice of Oregon 6-4 and 6-2. Johnson of Washington defeated Meyers of Oregon 6-1 and 6-1. Livengood of Washington defeated Starkweather of

VANDAL PLAYERS WIN SERIES FROM VARSITY

at University of Idaho, Moscow, Idaho, May 26 .- (Special to the Emerald)-The University of Oregon baseball **Coppernoll's** team lost the second game of the two **Jewelry Store** allowed only two hits in that time. DIAMONDS-WATCHES-SILVERWARE CUT GLASS-NOVELTIES Phone 287 790 Willamette Street Batteries: University of Idaho, Gol-RHE 8 12 5 . 12 11 1 ¶ You get the best of Varnish, Paint, Floor Wax, Furniture Stain, LOSE TO O. A. C. CO-EDS House and Boat Paint at Playing under threatening skies and with a breeze to fight the Oregon and 3 O. A. C. women played off the interclass **PRESTON & HALES** 857 Willamette Street matches in tennis yesterday. Oregon took junior doubles; soph singles and frosh singles and doubles. O. A. C. won the contest with both senior singles and and soph doubles. MANY BEAUTIFUL AND PRACTICAL GIFTS FOR THE GRADUATE TO SELECT FROM AT ATTRACTIVE PRICES BY ART RUDD NETS PRIZE In competition with all members of Ochaelers Bros In Toiletries Quality Is **Important--Cut Rate Prices Too** Rudd has been connected with the Women have come to realize that toilet preparations should be the capacity of correspondent and in of high quality, and it is pleasing to note the increase in the the office and has been the Journal's demand for better things. Just an inklingcampus reporter for the last three -50c Lavoris, Cut-Rate Price 35c. ELEPHANT LIKES MOVIES -50c Pepsodent Tooth Paste 39c "Oscar," the elephant, who plays a -50c Hinds Honey and Almond Cream 39c leading role in Thomas H. Ince's production of "Soul of the Beast," devel--\$1.50 Botanical Wonder Hair Tonic \$1.00 -50c Santesceftic Lotion 45c -\$1.00 "Boncilla" Facial Beautifier 90c 286-M8-tf. with the movie company. "Oscar" is a prize member of the Selig Zoo and he WOMEN'S COOL, COMFORTABLE AND STYLISH "EIFFEL MAID" ATHLETIC STYLE UNION SUITS OF PINK OR WHITE NAINSOOK. THEY ARE BUTest story was in production. Early 315 M27-J2. every morning he would begin to stamp TONLESS, DAINTY HEMSTITCHED OR LACE TRIM. and trumpet in his impatience to get MED TOPS. PRICED VERY ATTRACTIVELY \$1.25 out on location for he knew that work

Monday and Tuesday **Glenn Hunter**

Star of "Merton of the Movies" in

"Youthful Cheaters"

Life lead to the tune of a jazz band. MONEY_MONEY_MONEY Nothing to do but spend it—some parties -until the old man got wise-then eame the long dry spell.

Thrilling—Loving—Daring—Jazzing SOME PICTURE

The CASTLE Where Prices Don't Vary

Smiles

That won't come off are easily won by buying that

> "Gift That Lasts" -for-

Graduation or Wedding



Men's Mercerized Golf Sport Sox, Pair \$1.75

Just what you fellows will need to wear during the summer months as they are cool and comfortable. Then, too, the drop stitch weave in either wide or narrow rib with fancy roll tops in embroidery designs of contrasting colors make them look natty. Colors are brown and camel. Sizes 101-2 to 111-2.