Is The Pull of Gravity Real?

Father William A. Wallace Poses Question
In Lecture On "Reality In Science"

The early 20th century saw in modern science, a crisis which still persists today. Father Wallace wanted to show us how a perennial problem of philosophy, whose solution was sought and dealt with by the Greeks, is reaffirmed by modern science today. This problem, which is materialized in the realism of modern science, is twofold; the problem of the very large and the problem of the very small. The first, that of the very large, is posed with the question, is the pull of gravity real?; and the second is posed with the question, are the elementary particles real? With these questions he hoped to stimulate the problem of realism in science.

The question is asked, what is gravity? The most common answer is that gravity is the pull the earth exerts on all bodies. Because of this commonly entertained notion, Fr. Wallace then asked the question, is the pull real? And from this pressing question we realize that the real, like the true and the certain, is another perennial philosophical discourse. What Fr. Wallace understood by the term real was first simply to compare it to something that is not real.

Fr. Wallace defined the real as including that which exists outside our minds, independent of thought. An opposing definition would be one denying the mental, the rational, and the logical. The rational or logical exists in the mind in such a way that it can not exist outside man, such as the concept of nonman or nonbeing. Therefore Father concludes that the real exists in and outside the mind.

Now returning to the original question, after establishing the above concepts, we ask, does the pull exist outside our minds? Or is it only a fabricated concept to aid in understanding what is outside our minds? To answer this question, Fr. Wallace pointed out first that we must distinguish between two kinds of real, the Physical and the Mathematical. To exemplify this need, Fr. Wallace presented the example of the historical development of the present theory of order in the Universe. Pertaining to the universe, the early Greeks thought that the celestial spheres in their revolving motion were physically real. This is evident in Aristotelian science as seen in his necessity of a first mover un-moving. The causal relationship of the body's motion is transmitted directly through the spheres themselves. Later, men like Euclid, Copernicus, and Ptolemy, in order to save the appearances of things, designed complicated schemes such as eccentrics and epicycles. From the Greeks to men like Copernicus and Galileo, the concepts of epicycles and eccentrics never ceased to cause discussion, and most of it was centered on their physical significance. But these thinkers gave the general feeling and were convinced that, although the celestial spheres were a physical entity, the eccentrics and epicycles were only mathematical expressions or theoretical expressions to save the appearance of things. As more data was accumulated, and schemes were formulated to save the appearances of things, the intellectual climate was such that when Copernicus presented his Heliocentric theory of the Universe, a great philosophical problem arose. If what Copernicus theorized is true then the planets and the earth actually rotate around the sun, and the moon rotates around the earth, leaving the conclusion that the bodies of the universe do not revolve about one absolute center, as held by Aristotle and the Book of Genesis. The Moon, from the earliest of thought, went about the earth in a physical way. In Copernicus' scheme, a physical motion and not a mathematical one is displaced from the center of the universe. This motion, now representing that of the epicycle, becomes a physical real.

For Newton, the planets were physically rotating around the sun, and the moon around the earth. The reasons he gave for their remaining physically in orbit resulted in his first two laws of force. Since the first required that the planets should shoot off into space, the second was a force continued on p. 4, col. 1

Marist Students Attend International Conference

This year Marist College will be represented at the Fifth Annual International Conference to be held at Skidmore College November 22 and 23, 1963. The area of concentration will be Postwar Germany with emphasis on the following:
1. How the division of Germany affects the Cold War.
2. Whether a democracy "imposed" by the Allies can succeed despite an undemocratic tradition.
3. How the internal political contest between the Christian Democrats and the Social Democrats reflects a border conflict between conservative and liberal elements in government.
4. Whether Germans will eat French or American chickens as the European Economic Community grows.
5. How our German contemporaries, a new generation of university students, view the past, present, and future.

The two delegates representing Marist College, are Ed Kriessler, President of the Fleur de Lis and John Passmore, Vice President of the Junior Class.
THE EYES HAVE IT

"The night has a thousand eyes," goes the song, and the Marist College Evening Choral Group thought about "hundreds on end" - but Marist makes up in variety what it lacks in quantity. For example, there are those heavy-lidded eyes in the back of Mr. Rindich's 8:30 to 10:10 lecture; and those pupils-dilating-in-shock eyes staggering out of Mr. Murphy's Sacred Scripture midterm exam; and those retinal, quivering eyes, struggling back to normality after a tortuous session with Dr. Schrock's toxicology; and those slightly crossed eyes of the fellow who made the mistake of looking back at an E. R. Fullen's Fishpainting; and the wide, panic-stricken eyes in Dr. Balch's classroom whenever he makes one of those characteristic pauses and requires some student to supply him with the rest of the statement that he (Dr. Balch) was making; and those shrewd, knowing eyes filling out of Dr. Convelius' Business Law I; and those harried, pill-gnawing eyes of the person famous for his Morality of Marriage course; and those kindly, blithely staring eyes sitting around the conference table of the Evening Division Alumni Club; and those sad, poet's eyes, turningadder as they scan the latest edition of the Record; and those wildly staring "what have I done?" eyes whose owner has just won a point of argument from a irascible instructor; and then remembered who grades his papers and went home with them smiling; and the snugly staring-straight-ahead eyes of the guy who has just answered a question correctly after having had bungled it before; and those desperately unexpressive eyes of the fellow whose work is being read aloud to the class as a negative example; and then there are those eyes, staring, searching eyes of the fellow who's just taken his first mouthful of the cafeteria's vending-machine coffee (wincing at the awful taste -- searching for the switch to turn it off); and those weary, long-suffering eyes staring coldly into space while the instructor goes over for the fifth "once more" for that "I'm still not convinced" guy of whom he has been trying to get in every class; and of course there are the intense ones, those "I-am-speaking-truth-to-matter - what you-guys-think" eyes of lab sections; and those "I'm not in every class," and last, but by all means not least, are the solemn, dozily-morning eyes of men praying over the presence of Marcellus Champagne at the beginning of each class.

NOCTURNE

Dear Editor,

One can be nothing but stupefied at the speed at which Mr. Treasnor's demands. one, two, three, no less than four of the forerunners of the upcoming presidential. John Kennedy is in no good because he's the incumbent. Now a Rochester Goodbody is helping to follow the political tradition of campaigning while in office; Barry Goldwater because he's an "ultra" and therefore the right Sr-President because he don't wanna play. What shall we do Mr. Treasnor: burn these men as witches or use your space for advertisements?

Respectfully yours,

Peter Hanley

Dear Mr. Hanley,

According to Webster's New World Dictionary of the English Language (College Edition), a witch is "... a woman supposedly having supernatural power by a compact with evil spirits; sorceress: the term formerly was also applied to men. 2. a; as and the tempered old woman; hog; crotte...". I am afraid that here you are facetiously playing with woman or girl. Therefore, the first part of your question must be denied since it is inherently contradictory. As for the alternative, Mr. Hanley, you have much too valuable a space for advertisements.

Bill Treasnor

To the Editor,

In a certain society there exists a process of governmental controls where being despotic is also detrimental to the majority. In this society there exists a dictator who is elected by a council of monarchs, for in fact he is a king, with all the protection of Divine Right, has absolute power concerning the framing of laws and their enforcement. He is chosen by the nobles for his strength and therefore has their complete support in his use of Machiavellian principles.

Reviewing this process, one fact stands clear: that the government has no provision made for the will of the majority who are governed, concerning the laws and their enforcement. The people have no appeal but can only appeal when either an unjust law or punishment is imposed upon them. Therefore they are being denied the basic right of trial by a jury of peers. Rather they are being condemned by an all powerful dictator, without recourse, on the basis of laws which they did not approve.

What is the solution to this problem? Simply stated, it involves forcing a common council which would not only help to frame laws but would also be involved in their enforcement. By serving as a court to which offenders would be referred. Each offense would carry with it a specific and just punishment which would be strictly enforced at all times, for all people, and not merely when and upon whom the dictator decided. Such a solution to this would remove from the despot, the power of police which (all dictators repeatedly) claim they do not want them but need to insure order and prevent chaos.

Thank you,

Robert Hatchett

Dear Mr. Hatchett,

I have been informed by some of your students that you are having much difficulty in your class Mr. Hatchett. You have apparently made no provision for any substitute. I have been informed that you have been unable to attract your class to attend your classes. I am afraid that this is not the proper way to proceed. I urge you to take some steps to improve your class. I have made a provision for a substitute for you and I hope that you will make use of this substitute.

Bill Treasnor

NOCTURNE

Dear George,

You asked me what you are doing alarm angles up here in I to have it say "not too well." You remember why I came here in the first place, right after Kennedy was elected. We both thought that with a catholic in power that great Jewish army would start to move, and I wanted to be there side. Well, I been around enough, keep my eyes open but their ugly dogs.

Like the other day, I thought I'd try to take the bull by the horns. A bunch of em was sitting in the cafeteria an I approached an took a chair, just off a window, and ses "I'm with you boys. When's the big day?" To show how fast they are, right away they all dry up and look at me like I was oureyed or something. I see that they aren't goin to let me in on it so I sicken a little a nimble out like I was kiddin. They know I'm on to em now cause I catch em lookin at me funny-like when I pass em in the hall.

They ain't much other way to get in with em cause they always keep to themselves. In class they sit together, an they all look at me (or do they?) They calls themselves religious so I guess I'm just the irreligious.

I got the leaders marked out though. All the regular good-keepers black robots with white tails but the leaders dress in white. I use to think the one in white was the Mother Superior or something but now they too or three of em. I think one is the captain on the others are his lieutenants. When I git on the inside I'll let you know.

Your trend

Chuck

P.S. I didn't do too well on the exam. In philosophy I got a P.D. When the professor come he said "I'm my own sufficient reason for the P." I still ain't figured out what he means.

THE THEATRE GUILD PRESENTS

MY THREE ANGELS

By Sam & Bella Spewack

Directed by J.W. Britt

MARIST STUDENTS $1.25 OTHERS $1.75

NOV. 21, 22, 23, 8:30 P.M.
NOV. 24, 25, 230 P.M.
MARIST AUDITORIUM
Letter to the Editor

Dear Editor,

One can be nothing but astounded at the speed in which Mr. Treasnor de- mands, one, too, three, no less than forty of the forerunners in the upcoming presidential. John Kennedy is no good because he’s the incumbent, Ronald Reagan is too liberal, follow the political tradition of campaigning while in office, Barry Goldwater because he’s a “ultra” Republican, and Matthew Sm Crockett because he don’t wanta play.

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Like the other day, I couldn’t help but take the bull by the horns. A bunch of em was sitting in the cafeteria an I sashayed over an took a chair, which

They did not approve. What is the solution to this problem? Simply stated, it resides for- ming a common council which would not only help to frame laws but would also be involved in their enforcement, by serving as a court in which offenders would be referred. Each offense would carry with it a specific and just pun-ishment which would be strictly enforced at all times, for all people, and not merely when and upon whom the decider decided. Such a solution from this would remove the despot, the power of police which (all dictators re- peatedly) claim they do want not remove but need to insure order and prevent chaos.

Thank you,

Robert Hackett

THE THEATRE GUILD PRESENTS

THE THREE ANGELS
By Sam & Bella Spewack
Directed by J.W. Brit

NOV. 21, 22, 23, 8:30 P.M.
NOV. 24 - 2:30 P.M.
Marist Auditorium

Marist Students-$1.25 Others-$1.75

THE RECORD

NOCTURNE

THE EYES HAVE IT

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Feature: Gerry Marmon, Editor; Joseph Sandra; Douglas Douglas; Peter Mareone; William Meagher; Ted Flynn; Ed Farr; William Treassnor; Rodger Calson; Daniel Mayer; Gus DeFlorino; Joe Cavasso; Tom Duffy, John Falcon; Joseph O’Dowd.

Sports: John Barry, Editor; Dennis O’Brien; Brian Johnson

Make-up: Jim Sullivan & Gerry Johnson, Editors; David Bonnough; Dick Free.

Circulation: John Galliano, Manager; Thomas Troland, Chris Hyde.

THE RECORD

Respectability

November 20, 1963

Is there a student body? Perhaps a minority group of about 30 students can be termed as such. Recently the Student Council of Mariet College asked the stu- dent body to come forward and voice their opinion on what they thought should be done to improve the contribution of solid body. The Student Council, for the convenience of the students, set up a table in the cafeteria specifically for this purpose. There are all the students with their gripes about our student government! One man or even thirty men cannot do the job. Our constitution is badly in need of revision and improvement. I voted my opin- ion how about you, fellow.

The student government is supposed to work for the students. This end cannot be accomplished without knowing what the students want. The door was opened but few chose to enter. Maybe it would be better to revise and improve the student body. It is about time that they were moved off their boots and started acting as responsible college students. Responsibility is a big word which almost everybody on this campus tries to avoid. Everybody seems to come up with the same excuse, this is a small college and it’s young who do you expect us to do any- thing? With an attitude such as this Mariet is bound to stay small and stay young if it doesn’t improve. The original idea that had been presented to the Council was to have questionnaires passed around to the students. This idea was quickly voted out because they realized that an attitude such as yours existed and a questionnaire was the answer. So they decided to make it simple for you. Maybe the student body is waiting for a personal visitation by Mr. Verrico or Mr. Treasnor. You might have a long wait.

Many thanks from the Student Council and staff of the Record.

Feature: Ronnie Marx, Editor; Joseph Sandra; Douglas Douglas; Peter Mareone; William Meagher; Ted Flynn; Ed Farr; William Treassnor; Rodger Calson; Daniel Mayer; Gus DeFlorino; Joe Cavasso; Tom Duffy, John Falcon; Joseph O’Dowd.

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FACULTY OFFICES
Upper Donnelly 215-220

ROOM 1 - Mathematics
Bro. Carolan
Mr. Thomas

ROOM 2 - Modern Languages & Latin
Mr. deSeyrge
Mr. Norkelinas
Bro. Joseph Robert

ROOM 3 - Philosophy & Religion
Mr. Casey
Dr. Drennen

ROOM 5 - Business
Mr. Kelly
Mr. Doran
Bro. Cornelius Russell

ROOM 6 - Admissions
Bro. John Malachy

ROOM 7 - Teacher Education
Bro William Murphy

ROOM 8 - Academic Vice President
Bro. Edward Cashin

ROOM 9 - Psychology
Bro. Daniel Kirk

203 - English Department
209 - History Department

Lang. Lab - Bro. Joseph Balengar
Bro. Gerard Weiss

signifying the product of mass and acceleration. On the other extreme there is the Atomist or Mechanist who say that atoms and other elementary particles are real answering and explaining everything. Seeing this dilemma, Fr. Wallace states, that scientist of our day must make a stand. He says and I quote, "The characteristic of our age is the flight from responsibility". The responsibility he speaks of is that the scientist must make a choice of the above extremes or take the path of the Moderate Realist. If he does take this path, and remain on it, he must be a scientist as well as a philosopher. To deal with reality you must be a scientist and a philosopher of science as well.

Sports Spot

With the opening game of the basketball season only two weeks away the team is getting down to some serious practice. Last Wednesday, on its initial scrimmage, the team more than held its own against a strong and big New Paltz team.

The squad for this season has more depth and size than last year's. Fred Weiss, the leading scorer and everything else for the last two years, returns for his final campaign. An improved and slightly taller John Ouellet has moved into the pivot with Weiss taking up his new station in the corner. Veterans LaForge and Barasonak, second scorer on last year's squad, suffered a broken thumb in the first practice but hopes to be ready for opening day. Jimmy Wright and Paul Mahar are two more returning lettermen ready for action this year.

This squad isn't completely made up of returning players. There are two newcomer Freshmen battling for the starting lineup. This pair consists of 6'4 forward John Murphy and back court speedster Bill Davidson. It wouldn't be too much of a surprise to see both in the lineup on opening night.

The team has been really working hard to bring Marist victory with a rather impressive schedule. One thing is beyond a doubt, and that is that the team needs the support of all the students.

It's good to see no games scheduled for the "cardboard coliseum" this year... Let's hope vet Denny O'Brien isn't as injury prone in basketball as he was in intramural football... The Giants should face the Bears in the playoff of the N.F.L. this year. With Tittle at the helm the Giants will overwhelm them as they have the Browns, Cardinals, and Eagles... The Knicks, since they've finally decided to use some smarts, will make the N.B.A. playoffs. With their tremendous outside shots will see duty in the guard positions. Tom Financane will add muscle under the backboards besides his varied driving techniques. Denny O'Brien, when they roll themselves into shape, will play important roles in the team's balance. Bernie Dooley and Jim Daly,

ST. FRANCIS HOSPITAL

Fri. Dec. 6 - The annual "Holly Hop" to be held at the "Covered Wagon" from 9:00 P.M. to 1:00 A.M.
Len Schultz Orchestra - Tickets $4.00 per couple.

Tues. & Wed. Dec. 10 & 11 - The annual "Christmas Festival of Music" by the Glee Club - this year's theme - "Peace on Earth". Curtin rises at 8:00 P.M. - tickets - $1.00.

Tickets for both events may be purchased from any student or by contacting the School of Nursing.

TURKEY SHOOT
Nov. 23, 1963 12-5 P.M. Place: Poolside
12,16,20 gauge guns - No adjustable chokes
Shot & Slug contests
Ammunition & Guns supplied
Junior Class