

ALPHANUMS

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Vol II # 5

Gas Chromatographic Separation of Prime Matter from Substantial Form

Among the notable achievements in gas chromatography within the last year has been the discovery in our laboratories of the possibility of separating prime matter from substantial form. These two elements, which, though discovered by philosophers, have very real existence as has been amply proven in our course in metaphysics. Metaphysics, as you may or may not care to know is a science combining the elements of physics with actual thought. A unique combination. The discovery of the separation, made by one of our co-editors, was in a sense accidental. While running a vapor phase chromatogram of m-hydro Benzaldehyde in chloroform, an astrite scientist noted that at first only a solvent peak came off. Undaunted, he doggedly continued the experiment and, indeed, close scrutiny of the 30-hr. chromatogram indicated 2 distinct places of enatic behavior on the part of the detector. One positive and one negative (below the baseline) peak was recorded in quick succession. Unfortunately, samples were not collected for infrared analyses.

Our data indicate that: Prime matter and substantial form contrary to philosophical opinion are separable; also that they are opposing principles - they give positive and negative peaks on the chromatogram. They have equal share in the constitution of the reality in question since the sum of the integrated areas of the curves add up to 0. chromatography-wise, their retention times are nearly identical, since it is easily seen that as the retention time of one approaches

the value of the other a straight, rather than the curve which is desired, will result. This can very easily account for the fact that such separations have not been made in the past.

Experimentally the separation was effected on a two meter silica gel column at a temperature of 225 degrees, flow rate, 28cc He/min., pressure, 10psi. Retention times 28:30:10; 28:30:30. Peak characteristics were sharp, with little or no trailing.

How this discovery will revolutionize philosophy is not apparent, since it is likely that among other impertinent facts it may be relegated to the archives of unpardonable opinions-especially by the Thomists.

Scientifically, however, there is no doubt that the discovery of the separation will be hailed as a "guiding light" in Gas Chromatography.

AAJ

GUEST EDITORIAL WHAT IS THOMISM?

Perhaps the best way to describe Thomism is by calling it a Don Quixoti type of philosophy. It is embarked on a holy crusade to rid the world of monsters and various assorted evils which hold everyone in their evil grasp. The only problem is that the Scholastics are the only ones who recognize these problems. No one else ever knew they existed, or else saw no problem in them.

So the brave dauntless Thomists gather about themselves all the trappings of someone who will save the world, and venture forth to do battle with their straw monsters.

But somehow, in a seemingly unending series of battles, Thomism never quite destroys the evil creatures. Like Quixoti, they were "hypnotized", or perhaps tripped just as the fatal blow was about to be delivered. When their faithful servants ask what happened, they are always ready

with some easy, sleight of hand type of answer, said in a tone which indicates that that perhaps it was really a victory after all.

Sometimes, however, the monster does stand still, like a windmill. Fearlessly, the Thomists charge it with their lance of truth, and manage to poke it once or twice. If however, like the other windmill this one swings around and knocks them senseless, it is duly registered in the philosophy books as the approved method of destroying that particular evil.

The Thomists are supposed to know what the monster looks like. If only they could find the right way to get to it....

NO MANS LAND

This would seem to be an appropriate name for the chemistry library since that infamous day last month when it was closed to the students. Not closed completely, of course. We can stay in there all day, provided we have a journal in front of us and are reading it. However, outlawed forever, they say are things like eating, smoking, studying, talking, loafing, chess playing, waiting for people, etc.

Someone was kind enough to hang black crepe in honor of the dead, but now even this is gone. There is no reminder of what happened except the notice on the door signed by the head of the department. And this daily becomes more desecrated and difficult to read.

We on the ALCHEMIST staff are willing to agree that the situation in the library was not always the best. The ash trays were always full of old (And we do mean OLD) cigarette butts, even though they were emptied at least once a month.

True, the atmosphere was often full of smoke, but if any of our research minded professors can think of any way to smoke a cigarette without making smoke or leaving a butt he will be famous, indeed!

It is equally true that many lunches were consumed there, while the proper place for such activity is obviously the cafeteria. The Alchemist would, at this time, like to extend an invitation to the chemistry staff to visit the cafeteria starting between 11:00 AM and 1:30 PM. This is certainly not the place to eat, with old garbage piled high on the tables and more old garbage being served. It is enough to ruin anyone's appetite. The chem library solicits all this. A quiet place to eat the lunch mommy put up last night. Except on rare occasions, the residue was duly stowed in the baskets.

Was it used as a meeting place? Naturally! It is the easiest place to remember, and most familiar to everyone.

Was there chess playing? Some of the professors can answer that with authority.

We agree that often the behavior of the students left something to be desired, but this was the last place on a well policed campus where such behavior could take place. It is impossible to tie normal college students down to too strict code of conduct and expect them to live by it. Rebellion (a trait which perhaps more adults should exhibit) is enjoying a last fling before being completely killed by the influence of the business world.

THE ALCHEMIST STAFF

PERFORMANCE

WE DIDN'T PLAN PRICKLY

A. J. & R. J. M.

It is possible that our professors have never felt this urge, or perhaps they forgot what it is like.

And now we come to a most interesting coincidence. On the same day the chem library was closed, the prep room of the physics mechanics lab was also declared to be off limits. This was a favorite gathering place for physics majors. Now the question is, did the order to close both these places come from above (Was Fr. Gillen depressed) or was it just a coincidence.

We may never know the true answer!

CONDUCT AT THE GAMES

Fr. Gillen, is one of a series of fast furious (and probably futile) announcements laid down the conduct of students at basketball games.

We on the Alchemist staff, however, do not feel that he has gone far enough and would like to suggest a better method.

First, all Canisius students going to the game would assemble outside the Aud, dressed in their Little Lord Fauntleroy suits, forming up by the section they are assigned to sit in.

Then, on a whistle from Fr. Gillen they would march into the Aud and around to their seats, always under the watchfull eye of monitors.

During the first game, everyone would sit with his hands folded in his lap and would be permitted no expression of emotion. A muffled hurrah would result in a quarter fine. A loud cheer in a severe rap on the knuckles.

If, during the intermission it becomes necessary, a student may raise his hand and ask to leave.

During the Canisius game, Fr. Gillen himself will lead the cheers. There will be no drum since they are so depressing.

Each time Canisius makes a basket, Fr. Gillen will step to the microphone and say "By the numbers, three cheers. Hip Hip, - - - etc."

At the completion of each game, the students will be marched out to waiting busses and driven home. completely satisfied after such an emotional experience. Approval of the administration for said project is a foregone conclusion.

CHEM ABSTRACTS

Co-editor Juhasz has joined the ROTC ranger company, and has the boots to prove it.....Dr. Annino is snowing his advanced analytical class.....There are reports of strange happenings in Mr. Signeur instrumental class with the lights out.....Art Koch, ACS president, has a job tending bar at that famous night spot "Joe Browns".... Ron Laski continuing his sleep-athon in most classes.....Alchemist seems to have successfully ensnared a couple of sophs on the staff..... That rival piece of literary crud The Griffin has finally changed editors.....The Alchemist is looking for a couple of editors too, for next year.....Dr. Stanton did not have his '63 tab on his car on Feb. 1.....Physics and Math took its usual heavy tool in the chem. dept..... Dr. Erickson got another ozone grant. Many more of those and they will be carrying him out of the lab again.....

The Alchemist Staff would like to take this opportunity to send Valentines to the following people, being too cheap to send them through the mail.

Dr. Szymanski for his cheerful absence from seminars.
Dr. Erickson for his generosity in marking.
Dr. Annino, for his amiable disposition.
Mr. Signeur, for being a good boy.
Fr. McCarthy, for his inspiration in seminars.
Fr. McDonnell, for not coming to class.

John Burke , for loving his Polish bretheren.
Myke, for being MYKE.
Dr. Stanton, for not teaching chemistry this year.
Fr. Gillen, to cheer him up.
Fr. McEvoy, to depress him.
Mr. Flynn "in the treasury office" for detathment from money.
To Col. Greene, for military bearing.
To ourselves, for journalistic integrity.

RJM & AAJ

THE ALCHEMIST COLORING BOOK

The coloring book craze has hit the Alchemist as it has most other metropolitan newspapers. Since we have such a colorful faculty, it is natural to start on them.

My name is Dr. Ericksom, color me ozone blue.
My name is Dr. Stanton, color me tricky.
My name is Mr. Signeur, color me cheap and rugged.
My name is Dr. Annino, color me benign.
My name is Dr. Szymanski, color me infra red.
My name is Myke, get your lousy crayon off me.
My name is Fr. McDonnell, color me absent.
My name is Fr. McCarthy, color me sleepy.
My name is John Burke, color me lovable.
My name is Alchemist editor, color me journalistic yellow.

AAJ & RJM

EXAMINATION REPORT

The senior class wishes to report to the world the problems which plagued it during the week of Jan. 13-20. The questions came in a series of impertinent examinations through the courtesy of our professors. The questions went as follows:

Advanced Organic: From primitive earth conditions, CO_2, N_2, NH_3, O_2 , synthesize an elephant. (Female)
Advanced Inorganic: Compare, contrast and correlate the NMR proton spectra of Carbon Tet to the IR spectra of Helium gas.
Rational Psychology: Consider Summa Comtes Gentiles, bk. 2, part 3, v. 4, word 5.

What does St. Thomas mean by this? Answer must be true and specific showing reasonable reflective judgment.

Add: Texts are not allowed in the exam room.

Ethics: From the three truths proven in Metaphysics, which form the basis of Ethics, coupled with the knowledge gained from the study of man precisely as man, discuss using general principles and particular conclusions, the morality of the marriage custom of the Akuk-Ukuk tribe.

Theology: From man's existential situation, using as a starting point the catagorial imperitave of his being, emphasizing the elements of angst implied in his umwelt, mitwelt and eigenwelt; considering the elements of his approceptive mass-as concretizations of his existential encounter, analyze with depth perception the prophecy of Osee, chapt. 2, v. 15-16. Free use of dictionary and scripture.

Sociology: In five sentences or less, write a 500 word letter of denunciation to the editor of the Griffin for his opinions expressed with respect to Dr. Aptheckek talk at SUNYAB. Extra credit for those who include in their discussion the racial aspects of the problem.

History: The history of Russia begins in the year ____ when the ____ and the ____ tribes formed ____, founding the city _____. The ____ of the city lasted till _____, when the ____ invaded the area east of the ____ mountains. The payment of ____ to the ____ maintained ____ for the city for ____ years

When _____ decided to _____ the _____
for which he was called _____.
Freedom was won from the _____
by _____ who promptly revoked it from
his subjects, for which he was called _____
_____ . For this test, the professor
was called _____.

Military Science: Cf. map G-521-54
(a), Cussetta, Ga. coordinates
52348756. Area inaccessible by
land, sea, or air. Own forces entre-
nched with 95% casualties and under
attack by mobilized aggressor forces
having a numerical advantage 50-1.
Using the 5 paragraph field order,
prepare a supply plan including
all TOE property as well as any
additional supplies and material
sufficient to allow own forces to
hold out for a period of approx-
imately five weeks, till ending of
monsoons. Time allotted - 15 min.

FINIS

AAJ

CONTEST WINNER

Usually when the Alchemist
run a contest, we get a number of
entries, at least a few which are
good. This time however, we must
admit defeat. We got only one
entry, who wishes to remain
anonymous. The name submitted for
the song John Burke always hums,
is "The Song of the Vulgar Boat-
man". Now we don't want to say
anything but, let's be reasonable.
Everyone knows that John is not
the vulgar type. A man of more
pure spirit has never trod the
earth. Obviously the title does
not fit Burke. But what can you
do with one entry? Winner by
default remains anonymous.

RJM

ELVING HONORS BUFFALO

World famous electro-chemist
P.J. Elving recently visited
Buffalo and gave a talk on electro-
chemistry reaction and mechanisms
to the WNY Analytical Group. C.C.
had two representatives there,
Dr. Szymanski and Dr. Annino plus

a few grad. students. We learned
from Dr. Szymanski that Elving was
doing some work in non-aqueous
media especially NH_3 and liquid
 SO_2 . Elving expressed desire to
work in AsCl_3 and Dr. Szymanski
promised to give him patent rights
if Elving could get a good student
to get the Raman and single beam
going. Elving was very much
interested in Dr. Annino's
work since Dr. Annino is also an
electro-chemist. We could not
get much information from Dr.
Annino as he seemed to be in a
rather strange state. He kept
mumbling something about a revo-
lutionary new way to stop maxima
without plugging capillaries. When
he came around he found out that
old P.J. had pilfered Dan Jackson's
I values of Chloro-fumaric acid.

A conference was arranged
with Dr. Elving and Dr. Annino's
"research" workers and the guys
shot the question at P.J. . P.J.
seemed to help all solve their
problems. He said that there was
only one thing that was needed and
that was W O I K . After this
conference Dr. Elving was last
seen headed for the door magna
cum celeritate.

T?B

SOPHOMORE REPORT

Bill Geiger - DOES it again.
Once upon a time, long ago in the
Organic Lab there lived little
Bill Geiger. He was known the
whole Science Building through-
out for the award he had won. Bill
was proud of his award and strove
hard to prove his worthiness for
the distinction as the HARD LUCK
KID. Here is the latest in the
adventures of Bill Geiger in the
Organic Lab.

Bill was working on a prelimi-
nary step of his term synthesis
for Dr. Erickson. This unfortu-
nately called for the use of BF_3 .
The Work Up for this reaction
proceeded smoothly up to the
turning of the valve to allow the

gas to flow into the reaction mixture. The valve turned but so did the seal of the cylinder and BF_3 immediately began to escape everywhere, everywhere, that is, except into the reaction mixture, that valve was never opened. Luckily the hood sucked off the gas, but as a result it began to rain on the quadrangle because of the reaction of the BF_3 with the air. This was another normal day in the life of Bill Geiger in the Organic Lab.

So what else is new? Mike Martin and Bob Schroder are now business majors. Al Kowalek set a record recently. He withdrew, was transferred, then was reinstated and rescheduled all within two days. This record is verified by the Dean. Glad to see you Al, even though you were only officially gone about two days.

Odney's O'Keefe award of last semester didn't help when it really counted. Cheer up, Red, Physics was rough for a lot of us, wasn't it fellows? It appears this semester won't be any better. Brinkworth dared me to print this, so here goes: "muscles" Bob did it again, he broke another flask in lab recently.

Tom Kazmerzak is still our ace lab man. Dee is still trying to complete the same synthesis he was working on last semester. The HCl cloud Don recently caused during a Biology major organic lab was definitely not part of the synthesis, just some AlCl_3 he was washing with H_2O .

Red Boczkowski, our ace fire man, wasn't present on this occasion. Ren showed his fire fighting abilities over the Xmas holidays when he rushed forward, fire extinguisher in hand to put out ether fire at Mike Martin's desk. The only problem was that he didn't know how to use it. Question! How was the fire finally put out? It turned out to be funny on this occasion, but I think all of us should check that we know how to use the fire extinguishers in event of a real emergency in the future.

JJG

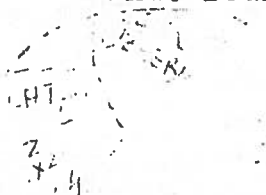
BASIC PHRENOLOGY

1st. Year



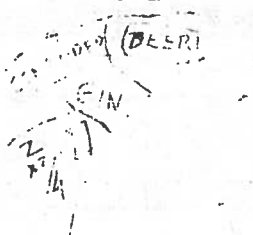
This is the mind of a typical freshman. (Note the vast untapped fertile plane awaiting the precious seeds of knowledge to be planted and blossom forth.)

2nd. Year

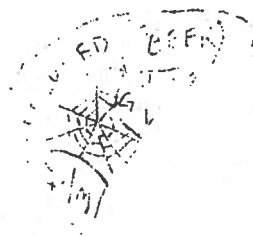


This is the mind of a typical sophomore. (note - vast as yet untapped fertile plane awaiting the precious seeds of knowledge to be planted and blossom forth. Also note part has been already tapped.)

3d. Year



This is the mind of a typical junior. (Note untapped fertile plane awaiting the precious seeds of knowledge to be planted and blossom forth. Note also the increase in the already tapped area and the gain in college culture achieved by mingling with his peers.)



over

Phrenology article continued on last page.***

WANT ADS

WANTED; One automatic slide projector; Contact Mr. Signeur.

FOR SALE: 10,000 copies of new book I.R. REVEALED. Contact Ape Davis.

WANTED; One thirty seven necked flask with a side arm. Contact Leonard .

WANTED; One dozen poison jelly donuts. Contact the Fang.

WANTED; One full time policeman to guard Library. Applicant must be a good marksman

WANTED; One College or University without students. Must have research facilities

FOR RENT; Choice sound movies; The Great Train Robbery, Colorimetric Methods Of Analysis, and others.

WANTED; One can of BROWN boot polish. Contact A. Juhasz

DEAR IRVING

Dear Irving.

I and a group of my friends are presently suing the Greek Government for not delivering a free film on time. Do you think that this shows a true quality of leadership in us.

Born Leader

Dear Born

cf. Griffen vol. XXX, #5

Dear Irving

Where can I get a good lawyer?

King Paul of Greece (Neo-Leader)

Dear King

Confer Perry Mason CBC-TV

Dear Irving

I am a nursing student in a small Western New York college. I usually wear short skirts. Why won't any of the boys sit on the same side of the table with me?

Lonely

Dear Lonely

Maybe you have knobby knees.

Dear Irving

Since I have developed an interest in PHILISOPHICAL PSYCHOLOGY with the resultant grade of B in the course, none of my friends will talk to me. What should I do?

David Mangzo

Dear Dave

I don't understand the question? Could you be more specific? You B.P.

*** Preceeding article continued later.(just like in the big magazines.)

LETTERS TO THE EDITOR

Dear Editor:

When you first signed me to your staff, you promised me that I would win friends and influence people and become a big man on the campus. All that has happened is that nobody will talk to me anymore. In fact people frequently throw things at me as I walk in the quadrangle.

What kind of crazy paper are you running anyhow?

Dissillusioned

(Ed. note: We of the Alchemist editorial staff disclaim any knowledge of the obviously embittered person.)

Dear Editor:

Koch is a fink!

Mrs. Hagler

Dear Editor:

I ran out of scrap paper in the middle of January and was unable to find the January issue of the Alchemist. This experience caused me no end of pain and agony. Such action is not only unexcusable but also detrimental to the reputation of the school, whose integrity you have vowed to uphold. Any future omissions of publication will result in my canceling my subscriptions, and it is highly likely that as a result of similar action on the part of the other members of the reading public will result in the financial ruin of your paper.

Irate Reader

Preceeding article continued

Remember the mind of the typical senior.(note the barren desolate plane).Note also that in the Senior we find maturity and an understanding of life.Here we find things seen in their proper order:

- 1.)beer
- 2.)anything forbidden
- 3.)nothing(for some sleep)
- 4.)knowledge

A.T.K.

OK, OK, SO WE
GOOFED AGAIN!

RJM - A A J

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