



FOUNDED IN 1949

# FELIX

NEWSPAPER OF IMPERIAL COLLEGE UNION

No. 431

Monday, 25 October, 1976

FREE!

Tuition fee increase worries Rector

## Rector rejects Green Shield stamp idea

by  
David Hopkins &  
Clive Dewey



### Student numbers up

At a Board of Studies meeting on Wednesday it was revealed that undergraduate admissions to IC are up by over ten per cent on last year's figures, bringing the (provisional) total numbers in the college from 4100 to approximately 4250. A consistent boom in admissions over the past two years has reduced the percentage by which intake falls short of target levels from 14% to a mere 1%.

The increase reflects a nationwide rise of 4.6% estimated by UCCA - in other words 3,500 more university students throughout Britain. And even this increase is small compared to the 8.7% increase in applications from school-leavers, undeterred by fears of graduate unemployment.

#### Poly figures good

In general the admissions increase is not thought to represent a lowering of standards, and it is likely to be felt mostly in scientific and engineering departments, according to a THES report last Friday. An even greater increase in admissions has occurred at polytechnics with a 20% rise at Sunderland, and this is in spite of government cut-backs on teacher-training. Universities chiefly affected are Bradford, Birmingham, Stirling, City, Hull, Manchester and Southampton.

Andrew Evans

THE RECTOR, Sir Brian Flowers, last Thursday warned of the dangers of Government imposed tuition fee increases.. In his Commemoration day address he foresaw this producing a dramatic drop in university applications, such that Registrars might offer 10-fold Green Shield stamps on completion of a registration form. He hoped that IC would avoid this era of promotion gimmicks. 'A panic scramble for students' was, thought, a real possibility said the Rector.

Already the Government has forced universities to increase their tuition fees, whilst at the same time decreasing the money available to them from the University Grants Committee. The Rector believes that an increasing proportion of college finance will therefore have to come from tuition fees. However he did not make clear in his speech how a drop in student numbers would be spread between home and overseas students.

#### Jobs in jeopardy

The UGC grant to universities for 1977-8 has already been cut by 4% compared to this year's amount. However, some observers believe that the UGC cuts in real terms will be around 10% and that a cutback of this magnitude would inevitably lead to redundancies. Some campus unions even voice the view that a real cut of 4% would put some jobs in jeopardy at IC.

#### Huddie report

Nevertheless the Rector thought that Imperial College, as a science and technology centre, would be less affected than most by the increased tuition fees. If not in a position to expand, there were plans to broaden the scope of courses. Sir David Huddie's report, on the non-technological academic development of IC, recommends that several new subjects and

new combinations of existing courses be offered. The College intends to establish a new chair in Economics and develop activities in Industrial Psychology. These plans, though, may well be tempered by present economic factors said the Rector.

Although post graduate courses are losing popularity, there was an increase in undergraduate applications (see 'Student numbers up', this page). Over 6,000 were received, over a thousand being admitted; this is the highest number for ten years. The Rector went on to welcome the recent White Paper on PG education (see page 2).

His speech was in the 'spirit of optimism', and Sir Brian hoped that in the future IC would produce students with a much broader outlook. Overall he felt that academic standards at IC were as high as ever.

#### Individual initiatives

Talking about a notable non-academic achievement he said, 'With generous financial support, a broad combination of Imperial College talent came together to produce a revolutionary design aimed at stiffness and lightness'. He was of course referring to the new boat designed by the Lubrication Laboratory that was to have been used in the Montreal Olympics.

### RAG GOES LEGAL

Collecting moeny for charity during this year's Rag Procession will have an air of legality that it has lacked in previous years. This follows the granting of a street collecting licence. In past years, Rag have only held a house-to-house licence which does not cover street collecting. However, this has not prevented the enthusiastic hordes on the Procession from doing so. The Rag Procession this year will be on November 20th.

### Late Felix

Trust us to mention our two rather vital printing and typesetting machines in last week's editorial. Thursday lunch-time, with only half of FELIX produced, the litho printing press broke down. It wasn't fixed until Friday lunch-time. I hope that explains the wrong page numbering and the late issue of your paper.

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felix

COPY-DATE FOR NEXT ISSUE: 2pm TODAY.



PG Affairs Officer Rick Parker casts his views on the Government's recent White Paper on PG education

# After all the hoo-ha 'disturbing' Govt. report advocates the status quo

In August we saw the addition of yet another report on Postgraduate Education/ Training added to the mounting flood initiated by the Parliamentary Expenditure Committee report of 1973-74. This particular report was the Government's long awaited formal response to the original report, taking the form of a White Paper. On the outset it seems very promising; gone are the demands for loan financed postgraduate funding (for the time being); gone are the demands of previous reports for central funding and control of postgraduate training; gone are the assertions that manpower planning should be the sole governing factor (now relegated to being merely the overriding factor).

However, on removing all this, one is merely left with a tacit advocacy of the status quo with a few unsavoury overtones.

## Apprenticeship to a career in scholarship

The paper does recognise that personal satisfaction and the contribution made by research students to the advancement

of knowledge, are important factors. Further more it recognises that an exact fit to the social and economic demands of the society are impossible and that we must settle for a very 'loose fit'. However it goes on to say that a system designed for individual demands would be a very haphazard way of satisfying manpower needs. At last, thankfully, the Government recognises that a PhD is not a piece of abstract research, but is, 'an apprenticeship to a future career in scholarship', and notes the application of this to a wide variety of future vocations.

The Government apparently believes that the content and balance of PG training are too complex for central control, and is content to exercise such control only over the overall scale and development.

## Finance: Central control out

On the finance side again, central control is out, but the awardmaking bodies should control both the numbers and distribution of PGs throughout the subject range. It is apparent that the Government is seeking to increase its control, through these bodies, by ensuring that more PGs are dependant on them for funding. The recent and proposed fee increases are shown to be just one small part of this plan and are shown clearly from the report to be an attack on the

13.5% of PGs at present self-financed. There are also vague references to a change in structure of PG awards as a further step in increasing this control. The present Research Council funding scheme is upheld for the time being on the grounds of minimising bureaucracy.

On the whole the report is disappointing and possibly dangerous in its support for the increased fees and the status quo in PG Education. The recommendations are inane and innocuous but the undertones in the body of the report are disturbing. It is hoped that the NUS's own report on PG education will contribute to what the Whitepaper calls, 'far-reaching public debate', both by countering these undertones and by making some positive and constructive suggestions for the PG of tomorrow rather than leaving him to sink further into the present bog of beurocracy.



RCS ELECTION for Honorary Junior Treasurer on Monday 25th October. Ballot boxes in all departments (just produce union card to vote).

## ICWA

We are now over our first major hurdle of the term - the Annual Freshers D'inner. Despite the long delay - the port had gone astray - the meal went down very well (pun!!). All in all people seemed to enjoy the whole evening. Many thanks to all who helped in any way to make the whole evening so successful.

## Discos

On Sat 30th Oct there should be the first in the series of ICWA Discos. The disco will be held in the Union from 8pm - midnight and entrance is FREE. Thereafter every second Saturday there will be a disco but the charge will be a mere 10p.

## Practical matters

Now for a few practical details about ICWA. We are the proud owner of three sewing machines. These can be borrowed by any young lady for a nominal sum for anything up to two weeks. If the machine takes longer to return home then there is a fine imposed. So if you want to mend your jeans or start your dress for the ICWA Ball then you can borrow one of the machines from Rm 98 Beit Hall. Also if you live in Beit then you can borrow a hairdryer. The only condition on borrowing this is that it is returned the same day - hence it really only applies to people in residence.

## Elections once more

Now that you know what ICWA can do for you, why don't you do something for ICWA. In the near future nomination papers will be going up for the posts of Hon Sec, Treasurer, Ents Officer, Biology Rep and Mines Rep. If you are interested in helping or criticizing in any way then please stand for one of these posts. The only way we know what you want done is if you tell us and this is your chance.

Isobel Donnelly  
President

## External Affairs-its all a matter of definition

This week's article is supposed to be a short summary of the political groups within student politics, but I must stress that it is only a personal view and may appear to some of you to be biased and inaccurate - if you do feel this way let the editor know, he's desperate for controversy.

Starting from the left we have the revolutionary socialist parties such as the *International Marxist Group (IMG)* and the *Workers Revolutionary Party (WRP)*. These groups are essentially revolutionary but each preach their own particular brand of revolution. The WRP is a very interesting party, their obsession is to overthrow the Labour Government (no alternative stated); this theme occurs so often in their speeches that it has been suggested frivolously that they are financed by the Tory party. All these groups are small but consist of very active members, so that they often attract a disproportionate amount of attention.

Moving to the right we come to a very large, in terms of NUS conference delegates the second largest group, and well organised group - the *International Socialists* organised into the *National Organisation of International Socialist Societies*, abbreviated to NOISS (pronounced noise). They are a basically Trotskyite party, that is neo-communist and have very strong support in many Polytechnics (except Strand).

Slightly to the right again are ICU's 'bete noir' the *Broad Left* - a mixture of Communist, leftwing Labour and non-

aligned socialists who have for the last eight years or so, dominated national student politics to the almost total exclusion of any other political grouping. The backbone of the Broad Left both in ideology and in finance is the Communist Party.

To the right of the *Broad Left* one encounters a virtual vacuum of political parties until you reach the Conservatives, which is a strange situation since a very large percentage of students have political beliefs which correspond to middle of the road Labour to Liberal. Their are three small parties in this space, firstly the *Union of Liberal Students* a group which is very much to the left of the Parliamentary party and consequently is in a state of political bankruptcy. There are also the *Students for Representative Policies*, a small party dedicated to changing the structure of the NUS and bringing in more representative policies. Despite it's small size it is well financed and well publicised. Similar in aims but even smaller is the *Social Democratic Party*.

Finally we come to the *Federation Of Conservative Students (FCS)* - politically slightly more moderate than the Tory party but since they are financed by it, still in agreement with most of their policies. The FCS is the third largest group at NUS conference after the Broad Left and NOISS. It has grown from very small beginnings to its present size in the last couple of years - its main areas of support are the big Universities.

Hugh Barrett  
External Affairs Officer





# FELIX

NEWSPAPER OF IMPERIAL COLLEGE UNION

## Press cuts

A few words of explanation over last week's non-appearance of *Pres Cuttings*; Nick did submit an article, but late. 'If you don't have space' he said, 'don't print it'. We didn't have space. However my apologies to Nick for not saying such in the editorial; I was knackered - I'd had less than twelve hours sleep in fifty hours when I came to write the editorial... Most of the FELIX staff were likewise, which accounts also for any other mistakes in last week's FELIX.

## Commemoration Day

Sir Brian's speech yesterday was a good deal milder than his last three Commemoration day addresses; indeed he even patted the Government on the back at some points. Yet he, College and student leaders alike are only too aware of the economic problems that this College will face in the coming years.

There is a general feeling that in real terms IC will be somewhere in the region of 10% worse off than it is now in 1977-8. The College has already cut its budget & at last year's Commemoration day the Rec-

tor indicated that IC, like other universities was "close to breaking point". Old Boys day is hardly the time to paint a gloomy picture, so we shall have to wait to see whether union predictions of across the board redundancies are accurate.

## Linstead extension

Last week a Southside warden compared the new Linstead Hall extension to a 'rabbit warren' with no extra communal area and no extra entrance. The same warden later admitted that he had not seen the detailed plans and that his remarks were somewhat partisanly aimed at his own residents.

Nevertheless his remarks, all be they flippant, do highlight the general ignorance and lack of college discussion on the new extension. College and Student Union leaders have thrashed out the plans for the building and are in the process of applying for planning permission. That could be granted next Thursday; yet how much do hall residents and college employees know about the scheme - I believe very little.

Although late in the day FELIX intends looking at the College proposals and at those put forward by the local residents association. We shall be asking what hall students wardens and others think of both proposals, and are there any better ideas? Correspondence about the new extension would thus be welcomed.

## Copy date

Two reminders here; firstly copy date is Monday at 2pm for publication on the following Friday. In future this deadline will be strictly adhered to except for small advertisements, which will be accepted at a later date only at the discretion of the Editor. Second point is that there are still some copies of the colour issue left in the FELIX office; anybody who wants a copy is welcome to pick one up.

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Many thanks to Gill McConway, Ian Morse, Jen Hardy-Smith, Ex-ed Pingpong, Dave Hopkins, Mark Kuse, Chris Palmer, Duncam Suss, Andrew Evans, Terry Westoby, Dave Foxall, Howard Cheetham and anyone else I've forgotten.

## A FELIX NEWS FEATURE

# Open a credit account with London Transport

FARE DEAL: Not a way of getting out of paying tube fares, but a simple and legal way of making London Transport's bureaucracy work to collect your fare.

The Fare Fight group is made up of both passengers and transport staff who use direct action in the form of a deferred payment slip. This device allows you to buy a 10p

ticket (You must have a ticket, it is *illegal* without one) and fill out the slip for the balance of the 'official fare'.

The onus is then on London Transport to collect this balance off you. The group hope these tactics will pressure the authorities into providing a better service and lower fares, with the service being orientated towards the user

rather than making excess profits.

The present policy of London Transport of higher fares and reduced services is, according to a Fare Fight spokesman doing more damage to the transport system than Fare Fights tactics. (There have just been cuts on the Central line and ones are planned for the Bakerloo).

## Student appeal

Fare Fight's aims have obvious appeal to students who have cash-flow problems because they are only able to claim back expenses at the end of term. Lets face it the student grant is fine if you don't eat.

Fare Fight meet at 'Rising Free Bookshop', 138 Drummond St (near Euston station). Anyone interested in participating in more involved direct action is welcome. They campaign on a wide front and a great variety of people are members.

Dave Foxall

To: LONDON TRANSPORT EXECUTIVE Date \_\_\_\_\_

I have today travelled from \_\_\_\_\_ to \_\_\_\_\_

and tendered a ticket for \_\_\_ p. Should you wish to recover the outstanding sum, my name and address is:

Name \_\_\_\_\_ Address \_\_\_\_\_

Signed \_\_\_\_\_

It is quite simple to use Deferred Payment Slips like the one printed here. Simply buy a ticket for less than the "official" fare -- whatever you think is reasonable. Present it at the other end, together with a completed slip (you may need to show some identification). Then it's up to LT to chase you for the extra money. It is illegal to get on a train with no ticket, so get at least a 10p one. Full details are on the FARE FIGHT leaflet "Dragging It Out" which is available free with books of 24 slips (2p per book, plus p&p) from FARE FIGHT, Flat 3, 76 Sidney Street, London E.1. (790 9965).

# FELIX STAFF

Want to help shape your newspaper? Then come round to the FELIX office and give us a hand. Whatever your forte and no matter how little time you have there's always a place for you on the FELIX.

Particularly useful at present are additional photographers, cartoonists, writing staff and news reporters. Drop in anytime during the day or evening and have a chat with the editor, Clive Dewey.

After an absence of two weeks, this magnificent tome is ready and as it lands with a dusty thud on Clive's desk all that is required is an explanation about the missing two articles. Well, Clive put about the story that there were technical problems in the first week but really he spent all week floating back to earth after the compliments he received for the Freshers FELIX. Having managed to squeeze his head back into the office, he duly managed to edit my article last week. Not only did he edit it, he also didn't print it!

...So this week we get a bumper edition...

**NUS Travel Office**

For those old lags who remember that there once used to be a travel office, and for those Freshers who wonder why it isn't open, here is the unabridged version of what the f...k's going on. Firstly, the NUS Travel Office is situated in the Union Lower Lounge next to the pinball machines, but you may have noticed the total lack of sales assistants in the Office. Now NUSTS are on a 7-year contract (until 1980) to use that room as a Travel Centre and up to now, ie since July, they haven't opened it. A constant stream of phone calls to the NUSTS headquarters has failed to get them to provide us with the necessary staff although a couple of swift reminders about the room hire (£200 p.a.) fell on more fertile soil. So the present position

is that the Union is raking in £200 p.a. for a room which is never used and you have to go to Victoria to get your rail-cards, etc. Finally, to quote a letter from Chris Morgan, (NUS National Treasurer) ... 'the Board (NUSTS) and the Exec (NUS) have been concerned ... to define a means for preserving NUSTS Ltd. so that it can continue to offer its services to our membership.' Seems quite simple to me, Chris - OPEN THE OFFICE!!!

**PRES CUTTINGS**  
by IC Union President  
**Nick Brayshaw**

**CVCP Report**

I have received 3 copies of the Report by the Committee of Vice-Chancellors and Principals of the Universities of the U.K. on the period 1972-6. Anyone want to read them?

**Club Captains**

One of the topics for discussion at the Union Council on the 25th October is

whether life-members of the Union are entitled to captain clubs within the Union. Any clubs who have life members as Captain, President or committee members should inform me in the Union (int 3915) so that we have a comprehensive list before we start discussions.

**Keep on Trucking**

Due to a very generous offer from a teaching member of the Physics staff, the Union may well find itself in possession of a truck. The truck hasn't been M.O.T'd for four years but it is in good nick (honest). If anyone has a need for a large truck and is willing to look after it then get in touch with me. The truck will be free to the most worthy cause (after slipping me a couple of quid).

**St. Catherine's, Cumberland Lodge.**

This is an organisation which holds discussion weekends at their lodge in the Great Park, Windsor. They are holding a conference on the "Meanings of Equality" on November 26th - 28th. The cost (for Friday tea to Sunday tea) will be £9.40 and this is subsidised pound-for-pound by the foundation. Application forms from me in the Union.

Also, a weekend on "Music" is planned for the 17th December, and application forms are also available for this.

Here endeth is week's sermon.

**ORANGE**



**MOLE**

by Derrick Everett  
IC Union DP

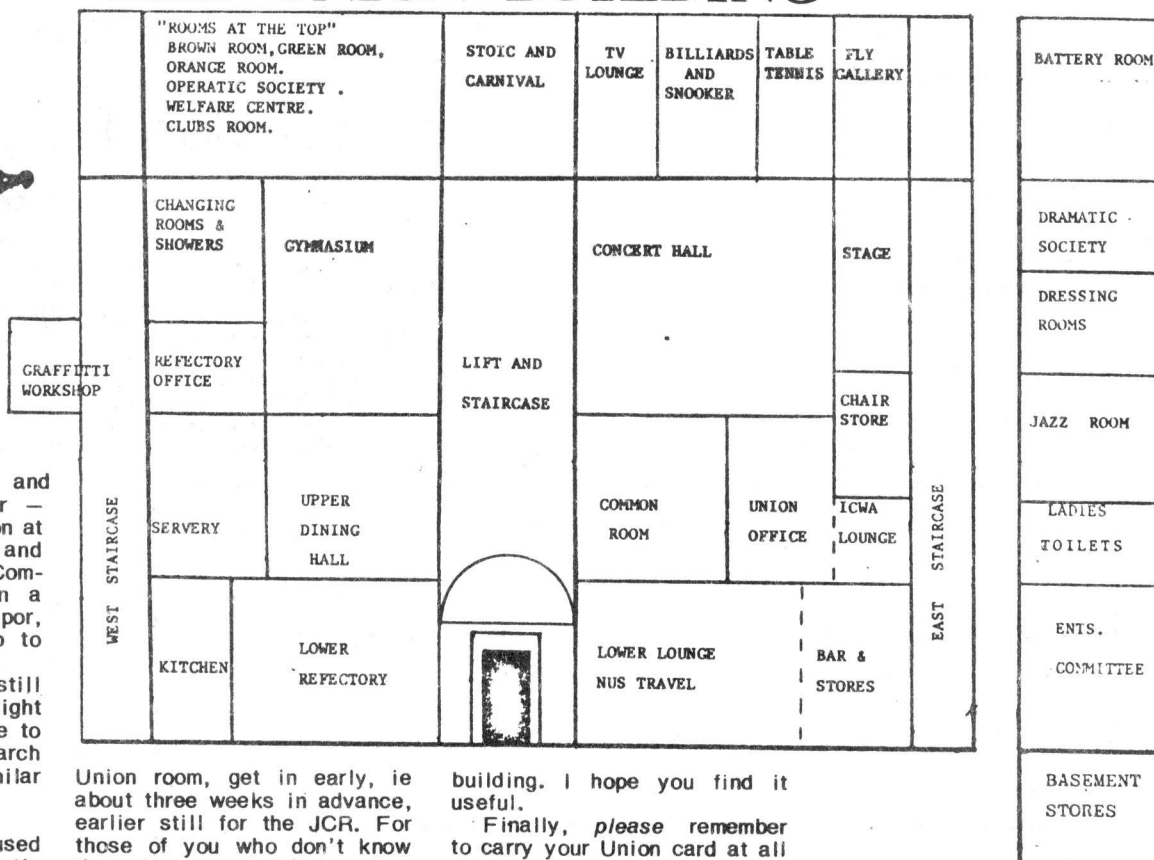
It's Tuesday morning and I've an appalling hangover - again. What with a reception at Senate House last night and Freshers' dinners and Commemoration Ball, I'm in a permanent alcoholic stupor, which doesn't really help to get my work out of the way.

Apart from which, it still takes me ten minutes to fight my way into my office due to the besieging hordes in search of discount cards and similar goodies.

The Union is being used pretty efficiently at presently - we're having to turn people away; so if you want to use a

**THE UNION BUILDING**

Link with Botany



Union room, get in early, ie about three weeks in advance, earlier still for the JCR. For those of you who don't know the Union Building, I've produced the map above showing a section through the

building. I hope you find it useful.

Finally, please remember to carry your Union card at all times, especially in the Union bar - I might ask you to show it!

**YOUR BLOOD NEEDED**

A team of bloodsuckers (!) is visiting college next Tuesday, Wednesday and Thursday, the 26th, 27th and 28th October. You can give your blood to a worthy cause in the Union Concert Hall between 9.30am - Noon and 2pm - 4pm on each of these days. Turn up on the day or reserve your place on the wallchart in the JCR. No

experience necessary. (Ed's note: this is a serious request, please come along and give some blood, help save lives).

**IC LABOUR CLUB?**

Anybody interested in forming a Labour Club or group at IC, please contact Steve Kimmins, Elec Eng PG (Room 708 EE). You don't have to be a Labour Party member.

Socialist society are having a social on Tuesday Oct 26th in the lower union Refect. where you can dance, drink or talk from 8pm till late. All are welcome especially year one and overseas students. It is hoped some people from the school of art will be there, and we wish to provide something different from the bar swilling genre, all to common at this college.

**STAR TREK EVENT**

IC Science Fiction Club present 'The Star Trek Film Show' at 6.30pm in Mech Eng 220 on Tuesday 26th October. Includes 'Empasse', a Star Trek episode never shown on TV, and 'Star Trek Bloopers', a medley of the Timmer Studio cock-ups. Members free, non-members 15p. Membership 40p.



*Felix would like to congratulate the Rector and Lady Flowers, who celebrate their silver wedding anniversary next Tuesday. May we wish them every continued happiness together.*



# ic ugm

IC Union Meeting

1300hours

Thursday 28th Oct.

in MECH.ENG.220

agenda includes

## ELECTIONS

Various Union Posts including Junior Treasurer, Welfare Officer and Chairman of Overseas Students Committee.

Also elections of delegates to NUS Conference.

# ic ugm











# felicity

## THE FELIX WHAT'S ON SUPPLEMENT

### Punk Rock exposed

With the news last week that the *Sex Pistols* have just signed a contract with EMI, that includes the largest advance ever paid to a relatively unknown group (rumoured to be around £40,000 - that's almost twice as much as Queen were given, and look where they are now) I think it's worth taking a quick look at this phenomenon that has built up over the last twelve months which has come to be called 'punk rock'. For a start, 'the new wave', as it has come to be called, is so far solely confined to the London area, disregarding groups like the *Feelgood* and *Hot Rods* who, no matter what people tell you, are a different bag of balls altogether, than say the *Stranglers*, *Clash* or even the *Pistols*. Whereas bands like my favourite punksters the *Stranglers* for instance, have no trouble filling reasonable sized halls in London - in the provinces they are almost totally unknown and to a greater extent misunderstood.

#### Vibrators sell out in Forty minutes

Take last week for instance. I was present on Sunday night when the *Stranglers* together with the *Vibrators*, completely sold out the Nashville, London's best pub gig. People were queuing for a good hour to get in the joint, and within forty minutes of opening, the 'House Full' signs were up. Also just about every ligger around was out to catch the band, from Johnny Rotten of the *Pistols*, most of the *Hot Rods* and even Ray Davies to name but a few.

Now its two days later. The stage has changed from the riotous triumph of West Kensington to the Top Rank Suite in Cardiff. An abysmal crowd who don't really know quite what to make of the band in front of them, who must seem (to the crowd) to have just crawled out of a sewer. As the *Stranglers* go further into their set, with its brilliant Door/V. Underground observations, the inevitable cat calls get louder. This is not helped by the equipment problems that beset the band on almost every gig (unbelievably, although the PA is quite modern, some of the amps date back to pre Vox 67's). The *Stranglers* limp off to lick their wounds, no doubt thinking about next week's two sell out gigs at Hammersmith Odean with *Patti Smith*.

Or take the *Sex Pistols*, they're bigger than any of the new wave in London. It's no good going to a *Pistols* to queue for a couple of hours before the doors are opened. Three weeks ago they played the unlikely Stow Away Club in Newport, Gwent, a sort of over 21s nightclub, where 'gentlemen' must wear a jacket at all times and jeans are a no-go.

#### Welsh rugby team

Among the army of bouncers the club employ, the Stow Away boasts two of the infamous 'Pontypool front-row', who form part of the Welsh rugby team. Can you imagine the response the *Pistols* got when they played numbers like 'Anarchy in the UK'?

#### The fallacy music papers perpetrate

So while the three big music weeklies laud their praise on these bands, and record companies make the inevitable rush to sign any group of degenerates who happen to know two chords and sniff glue, it's worth remembering that the so called 'new wave' is only but a small ripple confined to London, with no real signs that it will spread to any great degree, and it is not the most revolutionary thing to happen since the other revolution, as those misinformed scribes of 'Sounds' would have us believe.

Apart from the *Patti Smith/Stranglers* gig this weekend, if you'd like to sample some of the new bands playing this week then I suggest the ICA off the Mall on Saturday night where the *Clash*, *Subway Sect* and *Snatch Sound* can be heard. On Thursday the *Damned* play at the Red Cow in Hammersmith Road, and also support *Graham Parker and the Rumour* at New Victoria on Tuesday.

#### Obscure record labels

Not many of the punks have recorded yet, those who have are to be found on obscure labels like Stiff Records and Chiswick. These are available from Bizzare Records, 33 Pread St, London W2.

#### This week

To come to the present, tonight's best gigs are at City University, where *Meal Ticket* are playing; *String Driven Thing* should provide fireworks at the Marquee. On Saturday Welsh rock 'n' rollers *Crazy Cavern* supported by *Hellraisers* should be good at the Nashville. If you feel like digging deep into your pockets then *Cado Belle* are at the Rock Garden, Covent Garden on Monday; at the Nashville on the same night are French rockers *Little Bob Story* - with their dwarf lead vocalist - sure to pack them in.

Tuesday sees SB&Q at Hammersmith (check the ticket situation) and *Graham Parker* at the New Victoria. The other main attractions are the *Groundhogs* at the Marquee (their first of two dates). At the Collegiate Theatre, Gordon Street, *Bert Jansch* will be on.

Best gig on Sunday will be *Frankie Miller's* appearance at the Roundhouse, Chalk Farm; the supporting act *Shanghai* is also quite hot. They feature *Cliff Bennett* and ex-*John Kidd* guitarist Mike Green; *Meal Ticket* open the bill.

#### What's On entries

That's all for now; if you've any suggestions as to what I should feature in these columns please send them to me c/o FELIX office.

It would also be appreciated if a few more college clubs sent in details of their activities to FELIX.

## WHAT'S ON

### FRIDAY 22ND OCT

#### Film

Filmsoc: Sugarland Express. Mech Eng 220 at 7.30pm.

#### Discos

Ents disco. IC Union Lower Refectory. 8pm 15p.

#### Dinner

RCS Life Sciences Freshers dinner. Main Dining Hall, Sheffield Building. 7pm for 7.30pm.

#### Gigs

*Meal Ticket*. City University, St John St (253 7191)  
*Patti Smith Band/Stranglers*. Hammersmith Odean (748 4081)  
*Pacific Eardrum*. 'Man in the Moon' pub, Kings Road.  
*String Driven Thing*. Marquee, Wardour St (437 6603).

#### Folk

*Saffron Summerfield/Frankie Armstrong/Simon Pradger/Steve Rye/Carol Rumans*. All at The Old Theatre, Houghton St, WC2. 7.30pm. 80p adv., £1 on the door.

#### Miscellaneous

Orienteering Club. Meeting and cheap lunch. IC Union SCR. 12.40pm.

Continued



# THE REVIEWS PAGE

## CONCERTS



# FELIX

## T-SHIRTS

now  
available  
from the  
Felix office

ONLY £1.50

## Worth seeing again

First things first – the support band. They were called Blue Angel. Within the confines of their setup – black guitarist with left-handed stratocaster, playing in a Hendrix Experience type power trio – they were reasonable. They were very loud, of course. The audience applauded.

By half past nine the Hall began to look pretty full, and I began to wonder why. Graham Parker and his band have been getting considerable coverage in the music press recently, but do people really take any notice of that? However, as soon as the band embarked upon their first number, all such doubts were swept away on a tide of superb good-time rock.

### Good time for all

The sound was clear, powerful, and very pleasant – a little loud perhaps, but I wouldn't have had it any other way. The band were confident, exuberant, and enjoyed every minute of the gig, as did the audience. The Rumour have a great asset in guitarist Brinsley Schwarz, whose own band, of that name, had a similar sort of good time rock and roll feel to that of the Rumour, but the latter win hands down on vitality, freshness, and energy.

Graham Parker's excellent vocals presented a fitting contrast to the

band, giving a rough edge to the sound. They played about thirteen songs in all, including their new single 'Hotel Chambermaid'. The most notable of these songs was 'Pouring it all out', from their forthcoming album, a magnificent song, with a superb hook-line.

### Early risers

This was followed by 'Back to Schooldays', a powerful rocker which had the whole crowd on their feet by the time it was over – only halfway through the set! Also of note was the lament-like 'Don't Ask Me Questions', and then 'Heat Treatment', the title track of their forthcoming album. The set closed with another neat rocker, 'Soul Shoes', from the 'Howlin' Wind' album.

### Live vs Vinyl

As with many bands of this type, one must always wonder if they can match the live performance on record. I reckon the new album will be worth a listen to find out!

The evening finished with two well-deserved encores from the band, who by then had the audience begging for more. Yes, it was certainly an enjoyable gig. You can still catch them at the New Victoria this month – do yourself a favour and see them.

**Mathew Palner**

## WHAT'S ON cont.

### SATURDAY 23RD OCT

#### Rag Collections

Guides Silly Sports outside Harrods. Meet at the C & G Union office 9.30am.

RCSU collection at the Motor Show, Earls Court. Meet at the RCS Union office 10am.

#### Gigs

Spiten/Fabulous Bondini Brothers. Dingwalls, Camden Lock (267 4967)

Edwin Charles Band. 'Duke of Clarence' pub, Holland Park Avenue.

Patti Smith Band/Stranglers. Hammersmith Odeon (748 4081)

Clash/Sunway Sect/Snatch Sound. ICA, The Mall, SW1.

Crazy Cavan 'n' the Rythem Rockers/Hellraisers. Nashville, North End Road (West Ken tube) 603 6071..

### SUNDAY 24TH OCT

#### Discos

QEC disco, QEC Union Bar, Campden Hill Road, W8. 8pm. 20p. NUS cards needed (937 9714)

#### Gigs

Shirley Collins 'The Enterprise' pub, Haverstock Hill

Hinkleys Heroes. Greyhound, Fulham Palace Road 385 0526

Woody Woodmansey's U-Boat. Marquee, Wardour St (437 6603)

Bowles Brothers Band. Nashville, North End Road (West Ken tube)

Frankie Millers Full House/Shanghai/Meal Ticket. Roundhouse, Chalk Farm Road (267 2364)

### MONDAY 25TH OCT

RCS Election day. Ballot boxes in all RCS departments, open until 5.30pm. Bring IC Union card.

#### Gigs

Robin Trower. Hammersmith Odeon. 748 4081. (Check ticket situation)

Little Bob Story. Nashville, North End Road (West Ken tube).

Spiteri. 'Red Cow' pub, Hammersmith Road

Cado Belle. Rock Garden, Covent Garden. (249 3961)

Streamliners. 'Windsor Castle' pub, Harrow Road.

#### Dinner

C & G Aeronautics Freshers Dinner. Main Dining Hall, Sheffield Building. 7pm for 7.30pm. Tickets from social reps and C & G Union office (got it right this week!) at £3.40.

### TUESDAY 26TH OCT

#### Dinner

RCS Maths Freshers Dinner. Main Dining Hall, Sheffield Building. 7pm for 7.30pm. Tickets from RCS office and social reps, £2.95.

#### Gigs

Sutherland Brothers & Quiver/Moon. Hammersmith Odeon, 748 4081 (Check ticket situation)

Little Bob Story. Nashville, North End Road (West Ken tube)

Deflicks. 'Red Cow' pub, Hammersmith Road.

Bert Jansch. University College, Gorden St, WC1

Graham Parker and the Rumour/Sean Tyla Band/The Damned.

Victoria Palace (834 1317)

#### Miscellaneous

IC SCI-fi Club present 'The Star Trek Film Show' including 'Empasse', a Star Trek episode never shown on TV, and 'Star Trek Bloopers', a medley of the Trimmer Studio cock-ups. Mech Eng 220, 6.30pm. Members free, non-members 15p. Membership 40p.

IC Railway Society. Talk by R.F. Roberts '35 years of the London Midland'. 5.40pm. Mech Eng Room 340.

### WEDNESDAY 27TH OCT

#### Folk

IC Folk Club: Barry Skinner. Union Lower Refectory. 8pm. Floor singers very welcome.

### THURSDAY 28TH OCT

#### Film

Ents Film: The Dirty Dozen. Mech Eng 220. 6.30pm. Admission 15p.

#### Dinner

C & G Chemical Engineering Freshers Dinner. Main Dining Hall, Sheffield Building. 7pm for 7.30pm. Tickets from social reps and C & G Union office at £3.40.



# Letters to the Editor

## Hypocrisy or blind faith?

12 October 1976

Dear Sir, - Just as the question of abortion should, I believe, be left as a matter between the woman and her physician, so the questions relating to foreign affairs such as the situations in Rhodesia, South Africa etc should be left as a matter between the individual and his/her MP. After all, politicians in this country are elected democratically (despite the need for electoral reform) and they span the whole political spectrum from Left to Right. The politicians are in a far better position than any IC student to adopt a global perspective on foreign affairs - so let us leave it up to them for a change. For an IC Union Meeting to adopt a positive stance on a particular foreign issue may appear very grandiose. But I consider it to be irrelevant.

So the questions of Rhodesia and South Africa are important. I agree. And I can read all about them in the national press thank you very much. International issues are important, but discussion of them at an IC Union Meeting is not!!

Another thing is this: when Soc Soc scurry about calling a recent UGM amendment 'vicious', the intemperance of

their language cuts them off from a large majority of IC students. That is a pity, because Soc Soc occasionally has things to say which ought to have a wider hearing.

And when attending UGM's I would prefer not to see Soc Soc playing political charades. I believe they are dabbling in something about which they do not know enough. That is a dangerous practice which starkly silhouettes Soc Soc as a group of well-intentioned but naive dilettantes.

One of Soc Soc's warhorses is the altitude that racists and fascists must be 'stamped out'. Such manifest intolerance and implicit violence practically puts them in the same category as racists and fascists and again it cuts them off from the large majority of IC students. Trying to 'stamp out' any minority group, however loathsome and repulsive they are, can only lead to entrenched resistance, or alternatively, driving the fascists underground. I prefer to identify my opponents, not have them creep up behind me.

Thus the principles are on the whole sound, the tactics absurd.

Yours sincerely  
M.J.L. Williams  
Dept of Chemistry

Dear Sir, - A mistake crept into the article about Nightline in your last edition of FELIX. The word advice was mentioned in the headline of this article and advice is one of the things that Nightline volunteers are unable to give.

Nightline volunteers are ordinary students who give some of their time to Nightline. You could not expect of any of them that they are experts especially not on the wide range of problems we come across in Nightline. If you need advice there are many professional people who could do that a lot better than any volunteer worker, and if you want to Nightline can give you their address or even put you in contact with them. What a Nightline volunteer can do is listen to you and try to understand that which is bothering you with an open mind.

I hope that cleared up the picture.

Yours sincerely  
A Nightline volunteer

*Letters for publication should arrive by 2pm Monday for publication the following Tuesday. They should be no more than 350 words long and should be typed or clearly written on alternate lines on one side of paper only. The Editor reserves the right to cut or amend them if necessary; in this case suitable notification\* of this will be given in FELIX.*

### LIFT REQUIRED

PhD student with two small children requires a lift to and from College from Edgware, Middlesex. Will contribute to petrol expenses. Contact Barbara Moont, Biomechanics Unit, Level 6 Mech Eng (Int. 3580 (3624).

### FOR SALE

Prinzsound T700 stereo tuner. £18 on.o Contact J Joseph (Zoology 3)

# Opsoc break genuine new ground

"The IC Operatic Society's next college production will be J Offenbach's 'Orpheus in the Underworld'. The society displays a sense of adventure in this choice, for two reasons; firstly, 'Orpheus' marks a departure from a strong Gilbert and Sullivan tradition. (This production will mark the fifteenth years since the last non-G&S production). Secondly, as there is no suitable english translation available the society is translating its own version from the original french libretto.

### Popularity

'Utopia Limited' was our last production and there was much speculation as to its lack of popularity among operatic societies today. (Since then the D'Oyly Carte recording has come onto the market).! 'Orpheus' seems to lack popularity to a similar degree, for the english version available is not a translation, but a rather inadequate re-write,

Anyone having seen an amateur production of 'Orpheus' will probably have seen this version and will almost certainly that Offenbach's music deserves a better companion. Also there is no recording of a full english version on the market. The English National Opera and more recently the Welsh National Opera have produced their own translations, but these are not available to us.

### Wife bored

This comic opera is set in ancient Greece, where Orpheus, the legendary master-musician is seen as the incompetent director of the Thebes Conservatoire of music. He is a professional fiddler who bores his wife, Eurydice, to the extent that she flings herself into an affair with Pluto, while in the Underworld Jupiter dances a minuet that develops into a can-can of the gods.

### HANDBOOK EDITOR REQUIRED

Anybody willing to edit next year's ICU Handbook should get in touch with John White, IC Union Honorary Secretary, as soon as possible at the Union office (internal 2488, 2232).

### ASTROSOC

Meeting in Physics Lect Theatre 3 on Tuesday 26th October at 1.00pm Film and discussion. All welcome.

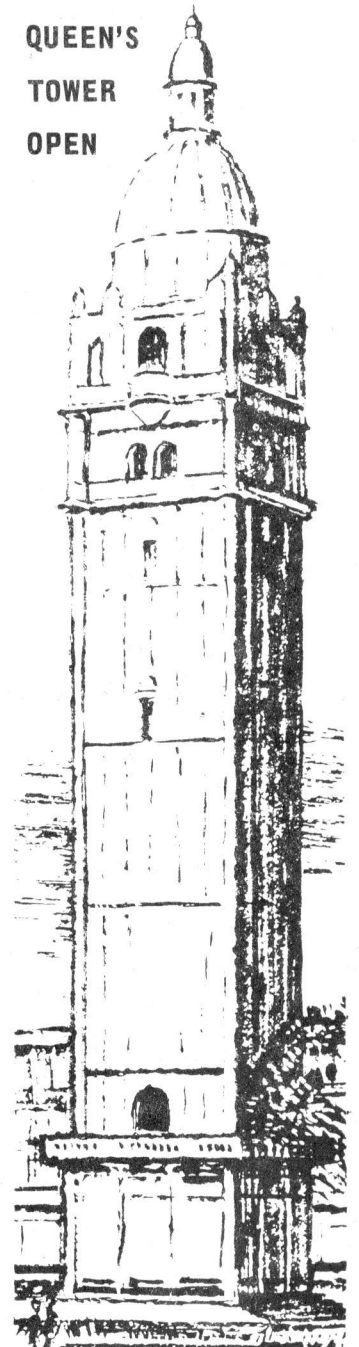
### JAZZ CLUB TRIP

The Club are organising a trip to see the 'London Vintage Jazz Orchestra' this Sunday. Anyone interested meet outside the Union this Sunday at 7.30. All welcome.

This production is well worth looking forward to. The score is full of excellent tunes and humorous inventions and should please anyone interested in the best sort of 'Light' music. For further details about the society or the production do not hesitate to contactme.

TIM FRAIN,  
Physics 3

QUEEN'S  
TOWER  
OPEN



MONDAY 25TH OCT.  
TO FRIDAY 29TH OCT.  
12.30 - 2.00 P.M.  
(12.30 - 4.00 WED)  
ADMISSION 10p  
CAMERAS 10p  
PROCEEDS TO CHARITY



# An opportunity to spend five days with the best marketing company in the world



Procter & Gamble is one of the world's most successful manufacturers of fast moving consumer goods and acknowledged leaders in the marketing field. World wide sales currently exceed 3½ billion pounds and have doubled every ten years. From December 13th to December 17th, we will be entertaining a group of undergraduates in their final year to an informal, but intensive course in marketing at our Head Office. Full accommodation and all expenses will be paid.

During the course, you will actively participate in business projects ranging from Product Development and Consumer Research to Television Advertising and Instore Promotion. At the end of the week, we will pull all the projects together to form a clear overall picture of the marketing function in a consumer-oriented company. It's then up to you to decide whether you are suited to a career in marketing.

So, if you are interested in marketing - however vaguely you understand it at the moment - you will enjoy the week and learn a lot.

*If you're taking your finals in 1977 and are interested in joining the Course, please ring, reversing the charges, Dennis Glavin, on Newcastle upon Tyne 857141, or write to him c/o Brand Promotion Division, Procter & Gamble Limited P.O. Box 1EE, Gosforth, Newcastle upon Tyne, NE99 1EE, as soon as possible.*



*Interviews with applicants will be held at the University before the end of term.*



## THE LSO DEBATE

At a forthcoming UGM IC Union will decide whether to remain within the London Students Organisation. To help elucidate the debate FELIX asked Hugh Barrett and Trevor Phillips to present the pros & cons of staying in LSO.

There are several good reasons for not re-affiliating to the London Students Organisation and I will briefly run through a few of the more important ones:

**Finance**

The main reason is purely financial - Imperial College Union is in a very tight financial position after having its grant from the Governors increased by only 10% last year - which represents a decrease in real money terms. ICU has thus been forced to reduce subsidies and, in some cases, curtail activities completely.

ICU is due to pay £500 to LSO this year in affiliation fees; that might not seem an excessive amount when set against £80,000 - ICU's income from the Governors - but a large percentage the Union's grant goes on fixed expenditure such as maintenance of union areas, sabbatical and office staff salaries etc, so the £500 is reducing the activity of the union by a substantial amount - it would for example keep FELIX going for half a year or take 100 sports people out to Harlington and back every Saturday for a term.

it doesn't cost us anything as a union. ULU Students Representative Council is the Political side of ULU and perfectly able to run campaigns on issues that effect all the colleges within the University.

How about at National level - isn't that what NUS is for? We all ready pay £400 to NUS every year and one of the things we expect (and get) in return are national campaigns on national issues such as student grants, housing, overseas students etc.

**Sabbatical career prospects**

Finally one of the main criticisms leveled at LSO over the past two years is that it provides a comfortable sabbatical year for an up and coming NUS politico. Last year it was John Webster (ex-NUS vice-president) and this year it's our very own Trevor Phillips (ex-ICU sabbatical President, ex-ULU sabbatical President, present LSO sabbatical secretary, next year NUS sabbatical ----? Fill in your answer and send it on a post-card to: Broad Left c/o NUS, Endsleigh St). The one argument in favour of LSO that

# LSO-the reasons why ICU needs to stay in

There are two questions to be answered in this brief article. Firstly, what is the London Students' Organisation? Secondly, what can it do for students?

Take the first question first. Over the past few years, it has been widely recognised that NUS, as a national body of 700,000 students could not hope to handle all the issues that affected students locally, or of organising campaigns or services locally, thus the 54 NUS areas, based on towns and counties developed, should provide a smaller, local focus for students.

**First year of existence**

LSO is the area organisation recognized by (but independent of) NUS National Conference. There are over 160 colleges in London, and last year, in its first year of existence, about 105 joined LSO. The ones who did not were mainly small colleges with no function in Unions, to which LSO is extending services anyway. A few others wanted to wait and see what happened to LSO. This year some have already joined (Kingston Polytechnic for instance) and others are on the verge of doing so.

**Need for all-round London body**

For some years, it has been widely recognised that London students collectively can have a massive influence on NUS, and on local educational bodies. There are 120,000 full-time students in London, and a quarter of a million part-timers. However, beyond ULU, ULIESA (the student teachers organisation), there was no all-London body. Previous attempts had failed either because they were unco-ordinated, or else built up bureaucratic structures with no relation to student needs, and provided havens for aging Student Union hacks. ULU and ULIESA were limited in their roles. So 2 years ago the process of building the LSO was started, and the LSO itself came into being in May 1975.

Since then LSO has begun to develop the kind of organisation that can defend, in advance, students' interests. With the weight of London's massive concentration of students, the largest in Europe, we can hope to have

an influence on questions of grants, housing, welfare and services for students.

**What LSO does**

LSO itself has provided information and research material on many of the issues affecting students: cuts, overseas students, and the housing manual, for instance. Posters and broadsheets have been produced. Last year, plans to cut the number of overseas students in London were defeated by campaign co-ordinating by the LSO. Not least, LSO has been responsible for producing the new London Student Handbook.

In services, LSO, is hoping to convene meetings for welfare, entertainments and sports officers to exchange information, ideas and to develop the effectiveness of local Student Union Officers, roles and services.

**Representation**

In terms of campaigning, we are now seeking to gain representation on educational bodies in London, and are on the verge of a breakthrough with the largest, the Inner London Education Authority.

**Why ICU needs LSO**

The LSO operates largely through its sub areas. Imperial falls in the west area in which context it can play a role in relating LSO's activities even more directly to the needs of IC's students. It can also help in the vital task of building smaller and weaker Student Unions in the locality.

Most Students Unions in London have recognized the importance of uniting and working together for the good of students. No Student Union in London can afford to stand outside this process. The way that LSO works, campaigns and provides services is for those Unions to decide through the LSO conference - but they must take part in decision-making if they are to do their jobs. As an ex-member of ICU I hope that IC's students accept the responsibility and take the decision to play an active part in the London Students Organisation.

**Trevor Phillips**  
Secretary LSO

## We're already in the cheaper alternatives, so why bother with LSO

So we pay £500 of our increasingly scarce cash to LSO every year and what do we get in return?

**ULU cheaper and more effective**

We are supposed to get campaigns run on a local basis but, as far as I can see, LSO is failing in this job and I'm not the only one who feels this way. To quote Pete Phillips (no relation) who was last years LSO Western Area Convener '...the sheer size of LSO itself prevents any real local action...' So even a LSO officer agrees that LSO is not providing any significant campaigns at a local level - campaigns which could be run just as easily and much more efficiently by a large college such as IC. With LSO failing to provide real local action' what about an all-London level? As far as IC is concerned a well established and fairly well run organisation already exists - the University of London Union (ULU). This has the added advantage that

I have any time for is that it enables small colleges to share in the resources of larger colleges. This is a good point but I feel that it is better organised on a far more local - for us S Kensington area - and informal basis.

**Hugh Barrett,**  
External Affairs Officer

## THE LSO DEBATE

IC UNION GENERAL MEETING  
GREAT HALL

Thurs. 2nd Dec. 1pm

The Editor welcomes  
correspondence on  
this topic



# FELIX SPORT

## Polo team waddle their way to success

The IC Water-polo team has made a further step towards the Middlesex league water-polo first division championship, with a sensational 11-5 victory over Penguin. Despite the weakening of the team, due to the absence of the 'Animal' and Andy Smith, this was indeed one of the finest ever performances by the IC team. In fact it was only last year that we were promoted after winning the second division, and we now require only one further point to clinch the title.

Kosta Ribar had flown in from Abu Dhabi especially for this critical match and started off playing in goal. We were glad of his presence, as the experienced Penguin attack peppered the IC goal with shots. The IC defense however stuck together, and the Penguin players began shooting wildly from too far out. Kosta, using his vast experience plucked these long shots out of the air easily, and fed the ball out to the IC players.

The first goal came from a long pass to Cliff Spooner who was playing in the 'sitting forward' position. The referee wasn't giving very much away, and after a bit of a wrestling match, the yellow water-polo ball eventually found its way into the corner of the net. This was a remarkable feat for Cliff, whose hand flicked the ball in; as his head was three feet below the water, and the degree of contortion involved for this manoeuvre would have done justice to any Yoga student. His 'bad leg' seems to have mended.

Good defensive work by Dave Lowther usual game gave Penguin no breathing space at all, and gave IC a 2-0 lead at the start of the second quarter.

## LADIES ROWING

For the first two Wednesdays of term an enthusiastic group of ladies gathered down at Putney to start the rowing year. With both Morphy Day and a UL regatta this term, the club aims to get as many ladies as possible rowing soon.

New members received basic coaching from experienced oarsmen both on a rowing tank and on the river; and everybody seemed to enjoy this. Once again prospective members seem to be predom-

inantly Scientists, Mines being completely unrepresented

### RSM where are you?

Where are you RSM? Come to Putney and learn to row, if only for Morphy Day. We're sure you'll love rowing!

The club meets at the boathouse on Saturday at 10.00am or on Wednesday under the Queens Tower at 1.00pm.

Further details from Sue Smith (capt) Maths III or Sue James (vice capt) Phys III.

### Brutality

Penguin, however, were no pushover and they came back strongly at the start of the second quarter to level the score. IC quickly replied with three quick goals, one each from the two McCartneys and one from Paul Hindle. Soon after one of the Penguin players was ordered out for brutality; Rory Lewis then proceeded to score from a 'man-up' position. This put IC four clear at half time.

For the rest of the match Iain Bales came into play in goal and Kosta played out. Although very experienced, the Penguin team were not quite as fit as us, and relentless IC pressure proved too much for some of them, who began to tire.

### Hat-trick

Michael McCartney finished off his hat-trick and Peter McCartney got one of his typical fluke goals, from a long-shot. Penguin, however, penetrated the IC defense quickly with two long shots in reply; the score was thus 9-4 at the end of the third quarter.

The match was rounded off with a goal each from Cliff and Paul, and a consolation goal near the end to Penguin. By that time the IC team were setting their sights on the next match in the championship, at which they hope to clinch the title.

The club meets Mondays and Fridays 7-0pm, in the sports centre, just bring your togs and turn up.

### X-Country

## Training vital for a good season

There are two short words which strike terror into the legs of the members of IC X-country club - 'Parly Hill'. These refer to Parliament Hill Fields on the southern part of Hamstead Heath. The first Saturday of the term saw the first of seven races to be held there, University of London (UL) vs Blackheath. This incorporated the UL trial. IC turned out in force with both refreshed stalwarts and exuberant freshers.

The field of forty seven included two young ladies, who whilst surviving only half of the 5½ miles, led over half the IC team. Conditions for the race were perfect and times were fast considering this was the first race of the season. Dave Rosen ran well to finish 5th in the creditable time of 29mins 20secs, Paul Clarke was next in, coming 9th with the new Andy Davey following in a disappointing 19th.

The following Wednesday, IC entertained a number of

colleges on our home course at Petersham. Again, considering the early stage of the season, times were fast - as were the opposition's. Paul Clarke (although on this occasion beating Dave Rosen) could only finish 6th in a personal best of 29mins 21secs. Dave was not far behind in 8th overall. IC finished in 3rd place out of six.

### LADIES HOCKEY

## Good friendly despite result

IC Ladies Hockey started the season fairly successfully with a friendly match against Middlesex Hospital.

Although we narrowly lost the game, the team performance was encouraging, as it was the first time that many of them had played together.

Play in the first half was evenly matched and the score at half time was 2-2. At the start of the second half IC suffered a bad patch and Middlesex scored 3 fairly quick goals. But we recovered again to add two more goals to our score and finish 5-4 down. The IC goals were scored by Kathy Snook (2) Diana Mounsey and Janet Coxage, with several other people putting up good performances.

Team:- Lucy Vella, Rosalind Baker, Lorraine Couchman, Christine Forsyth, Debra Bean, Karen Pollack, Carol Fraser, Janet Coxage (capt) Diana Mounsey, Kathy Snook, Elaine Hammersely.

C FORSYTH

### MIXED HOCKEY:

## PASSING CHANGE REVIVES IC CONFIDENCE

### Westfield v IC

Imperial College Mixed Hockey Team got the season off to a fine start with a 2-1 victory over Westfield College. However it was Westfield who took the initiative early on, when the IC defense was caught in a mess and allowed the Westfield forwards through to score.

After this initial lapse IC began to get on top, as passing became more accurate. This brought both increased confidence and the equalizer, a fine individual effort by Tim Marshall. He also had a hand in the second goal, drawing the goal-keeper out before passing the ball to Tariq Sethin, who had no difficulty putting it away.

The second half was end-to-end stuff, with some fine goal-keeping by Roger Hutson that kept the opposition out in the frantic last ten minutes.

Team:- Roger Hutson; John Huckle; Kim Houlden; Chris Forsyth; Debra Bean; John Spear; Janet Coxage; Tariq Sethin; Chas Hardy; Jim Marshall Jane Masters.

## Fresher gains

On Wednesday 13th October, the Orienteering Club travelled to Richmond Park for a small beginners' event. The long course of 7½ Kilometres attracted only a few entrants as most people preferred the shorter version.

### Fresher success

Andy Quickfall and Mark Evans, both freshers, did well to complete the long course in 53mins 20secs and 66mins 10secs respectively. Andy is a very welcome addition to the IC Orienteering scene, as he has been orienteering for several years now.

### Cheating rules OK!

On the short course, Keith Sugden was the easy winner, five minutes clear of Frances Lumb from Royal Holloway. The rest of the IC contingent formed a loose bunch by about half way round the course and were rarely out of sight of one another. This slightly defeated the object of the course - for once one person found a control point, the rest all piled in after him. Nevertheless, it was very pleasing to see everyone finishing the course in under an hour, and it looks as though the club has gained quite a number of talented freshers this year.

D.L. Rosen





# STUDENT WORLD

EDITED BY ANDREW EVANS

## Frankenstein Turns Industrialist

Whilst Harvard and the local mayor argue about the dangers of recombinant DNA research, Professor George Wald, a leading scientist at Harvard, warns that public attention is misdirected and that it is from industry that the greatest danger comes. University research was, he stressed, dependent on government subsidy, whereas industry did not have this rein.

Dr Henry Rosovsky, Dean of the Department of Arts, emphasised the difficulties of government control of biological research, owing to the divisibility of the subject into small units.

The industrialist and the back-street geneticist are not likely to be so scrupulous as Dr Har Gobind Khorana who recently synthesised an artificial gene at Massachusetts after nine years' work.

## Fight At Middlesex

A legal dispute is likely to occur between Middlesex Polytechnic's Joint Education Committee and the Nursery

Action Group, following the JEC's decision to withdraw its funds from the polytechnic's nursery. The decision was made on the basis of a DES ruling.

The nursery, which students regard as an 'essential service', was born of a sit-in 1974 and another sit-in occurred when fees were raised last year.

A meeting is to be held between the NAG and the JEC this week and if no agreement is reached, legal action will be taken by NAG.

## Liverpool

Trouble is brewing at Liverpool University between students and dons about the fact that more than 200 first years are living out in lodgings, some many miles away, whilst Hall is by no means full. Meanwhile the £1¼ million arts library, containing about half a million books, was opened on September 6th. The library is named after Sydney Jones, Lord Mayor of Liverpool from 1938 to 1941 and benefactor of the university.

## 'Right Approach' To Education

The Conservative Party devoted ten lines to higher education policy in their new pamphlet 'the Right Approach' this week. In it they recommend a review of how polytechnics are financed and better publicity at schools concerning higher education opportunities.

## Sit-in peace formula found

The threat of Government cut-backs in education expenditure has forced the Association of University Teachers to come to terms and declare a 'Geneva Convention' for sit-ins, according to a THES report last week. The convention recommends regular contact between student unions and local associations, advance warning to staff of direct action, and "reasonable conduct during any disruption".

# Fine all-round rugby

The game began with IC having slightly more of the play than QMC; However after about ¼ hour a set piece resulted in a QMC overlap which sent their wing over for a try which was converted.

IC responded strongly and within ten minutes the pressure was rewarded when Robins picked up from the base of the scrum and went over for a fine try. Cotter converted to level the scores. The remainder of the first half was played out with some exciting rugby by both teams but with no addition to the scoreline.

In the second half IC attacked from the whistle and were unlucky not to take the lead when Cotter attempted a 40yd dropkick which dipped under the bar at the last moment. Five minutes later Williams was too unlucky not to score. His patience was rewarded soon after when he ran in a try from 30 yards. The try was unconverted (score 10-6).

QMC replied strongly but IC countered with a fine try following a serging burst of speed by Aspden, who laid the ball off to the eager support of scrum-half Price-Stephens. Cotter again converted.

In the last ¼ hour IC defended some fine tackling from both backs and forwards the most outstanding, being due to West. Final score 16-6.

Other result:-

Wednesday 13th October

Royal Holloway 3

Imperial College 32

The tries here were scored by

A Williams, D Heath, I McLean,

M Cotter, M Sionuac.

Conversions by M Cotter (3), who also scored from 2 penalties.

## CRICKET NETS

Throughout the winter there will be cricket nets on Tuesday nights at Gover School Wandsworth. All interested meet in Union Lower Lounge at 6.30pm.

## HALL DINNERS

Hall dinners take place every Tuesday evening in the Sheffield Building. Tickets are available from PAT in the Union Office until Noon the Friday before; price £2.55. The dinner itself starts at 7.30, with sherry from 7pm PS. Bookings for the Xmas Wine Hall dinner will NOT be accepted until MONDAY 15th NOVEMBER.

Come along to 'rag' mama (?) at the

## RAG

Committee Meeting open to all and sundry!! on Weds 27th Oct 1976

## IN RATT

(Third floor of the Union Building)

## SWEEPSTAKE WINNER

Last week's IC Rugby Club Sweepstake winner was Hugh Price-Stephens of Maths 1

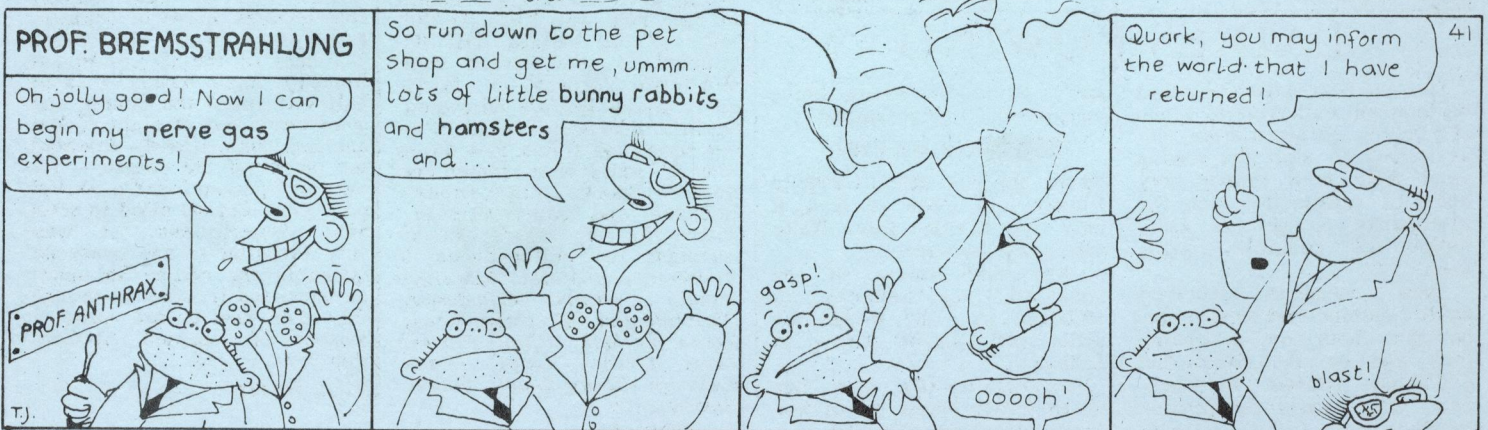
## THEATRE VISIT

Dramsoc are going to see the Royal Shakespeare Company perform 'Ivanov' at the Aldwych Theatre. Tickets £1 from Dramsoc Storeroom. All welcome.

## STOIC

## Lunch break Special

This Tuesday STOIC present a live television debate between Richard Silver, the President of ULU, and Leo Martini Brown, the founder of a new national student organisation, BSA. The debate will be shown live at 1pm at TV sets in the JCR, Southside & the Union.

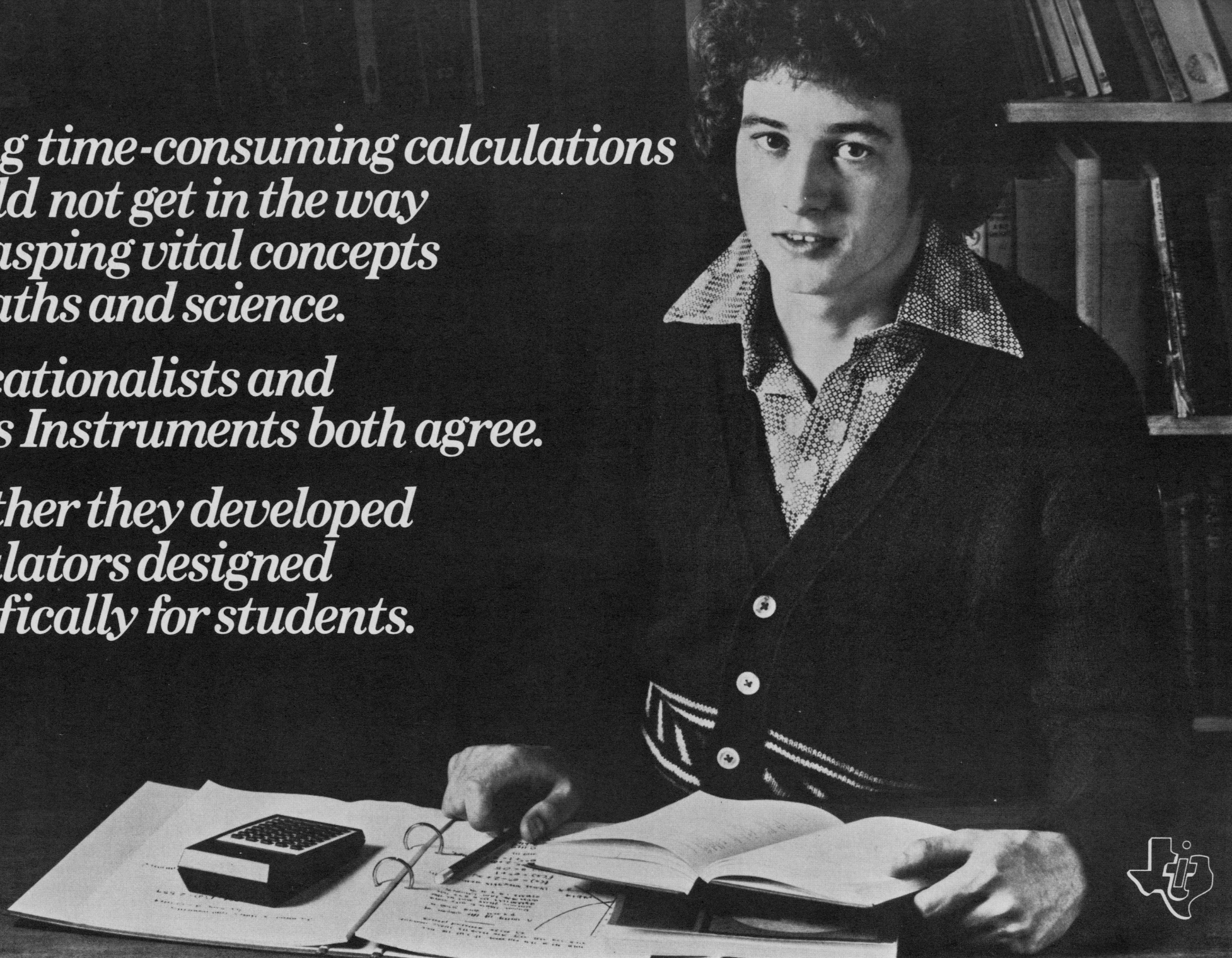




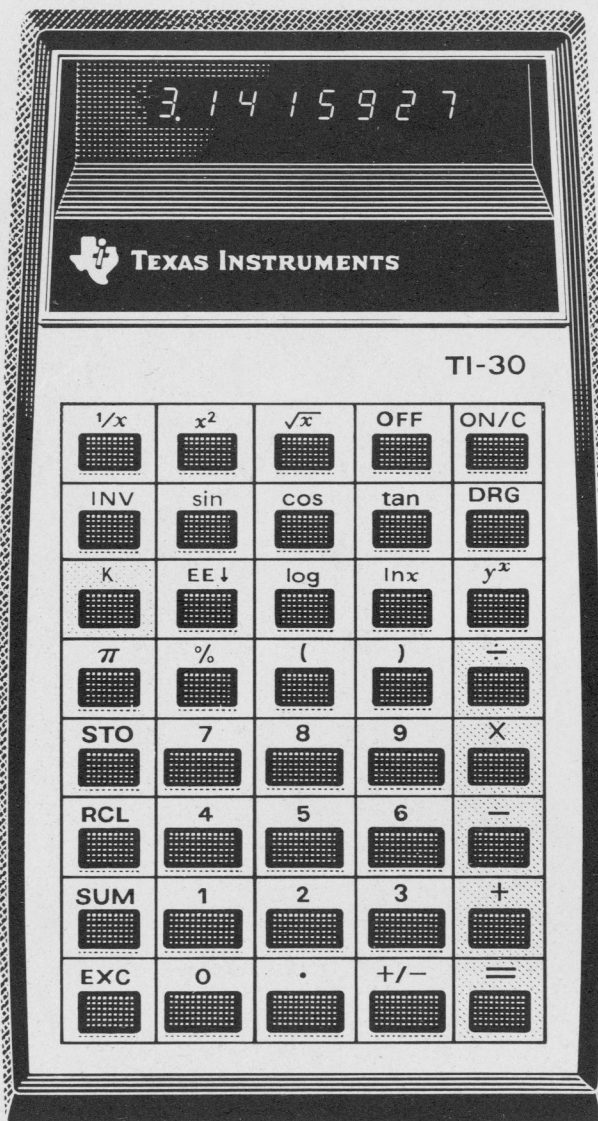
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*Educationalists and Texas Instruments both agree.*

*Together they developed calculators designed specifically for students.*







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You can handle as many as 15 sets of parentheses. There are 48 functions. An 8-digit display, including scientific notation. Overload or make a mistake and the display reads error. Should you leave it on, no problem. The TI-30 turns itself off.

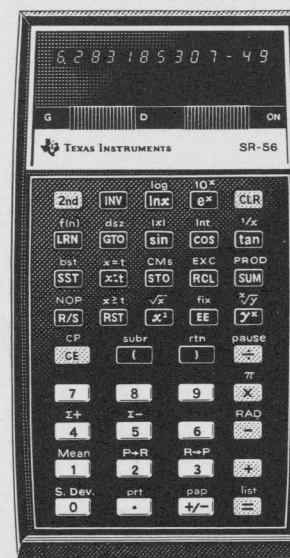
Finally, it operates on a 9-volt battery. There's also an optional kit available to make your TI-30 fully rechargeable.



## SR-51-II £59.95\*

An exceptionally powerful professional calculator combining TI's unique Algebraic Operating System (AOS) with 9 levels of parentheses and 22 basic slide rule functions. Additionally the SR-51-II has several preprogrammed statistical functions including mean, variance, standard deviation and factorials for permutation problems. Correlation coefficient is made possible with a separate key and advanced linear regression analysis can be calculated through an independent set of registers. An 8+2 LED display

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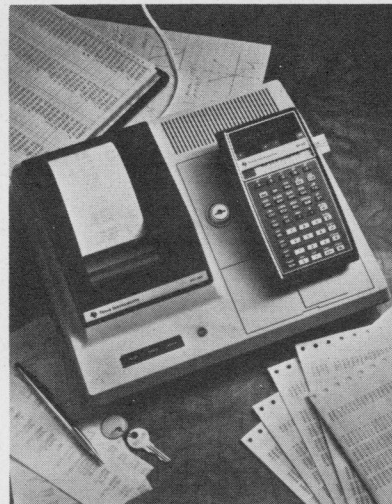
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