Editor: (Mrs.) Marion Stubbs

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STUDY GROUPS – REPORT

Geoffrey Yates called the first Study Group together at Southampton College of Technology on March 23rd, by a rapid stint on the telephone following Newsletter 2. Since students had, in some cases, attended two tutorials in that same week, it was surprising and pleasing that four turned up. Four more would have done, but after the two tutorials were running short of time.

The session started with TMA 02/Q3 (non-assessment) and finished with three questions from CMA 42. These proved to be ideal for group discussion, and the Study Group was voted a complete success.

STUDY GROUPS – PREMISES

During College vacations, or at weekends, when Study Centres close down and OU students become active, my address is available by arrangement. This is near to the No. 4 Corporation bus route (alight at Midanbury shops/Castle pub). It is equipped with TV, radio and non-stop tea and coffee - but provide your own beer! (Off-licence up the road.) It lacks a blackboard, but no doubt we could manufacture something suitable.

Other offers of Study Group accommodation could be very useful for local groups.

SUMMER SCHOOLS – TRANSPORT

Students who are able to offer shared transport for Summer Schools, and those who could use a lift, sharing costs, are invited to contact this Newsletter.

Brian Hernen is organising a general scheme on an inter-faculty basis, and both offers and requests can be passed on to him if it is not possible to match them up within M202.

MICROMATHEMATICS

Alan Nichol is very enthusiastic about D222 Microeconomics and has produced units as evidence that it appears to be tailor-made for M-types. You are strongly recommended to have a look at the units, at Study Centres, in Southampton College of Technology Library, or at the Conditional Registration meeting(s) before final conditional registration.

Alan promised a review of D222 for this issue, but seems to have been sidetracked by more pressing occupations. If anyone needs first-hand information, his number is on your telephone list.

A GROUP TO PLAY WITH - contributed by Phil Goble, compiled by students of Portsmouth College of Education.

(1st)

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      I A B C D E F G H J K L M N O P Q R S T U V W X
I     I A B C D E F G H J K L M N O P Q R S T U V W X
A     A B C I W X U V E F G D P M N O K L H J T Q R S
B     B C I A R S T Q X U V W O P M N G D E F J K L H
C     C I A B L H J K S T Q R N O P M V W X U F G D E
D     D E F G I A B C U V W X Q R S T M N O P H J K L
E     E F G D K L H J A B C I T Q R S W X U V P M N O
F     F G D E N O P M L H J K S T Q R C I A B V W X U
G     G D E F X U V W O P M N R S T Q J K L H B C I A
H     H J K L Q R S T I A B C U V W X D E F G M N O P
J     J K L H O P M N R S T Q X U V W B C I A G D E F
K     K L H J E F G D P M N O W X U V T Q R S A B C I
L     L H J K C I A B F G D E V W X U N O P M S T Q R
M     M N O P U V W X Q R S T I A B C H J K L D E F G
N     N O P M F G D E V W X U C I A B S T Q R L H J K
O     O P M N J K L H G D E F B C I A X U V W R S T Q
P     P M N O T Q R S K L H J A B C I E F G D W X U V
Q     Q R S T H J K L M N O P D E F G U V W X I A B C
R     R S T Q B C I A J K L H G D E F O P M N X U V W
S     S T Q R V W X U C I A B F G D E L H J K N O P M
T     T Q R S P M N O W X U V E F G D A B C I K L H J
U     U V W X M N O P D E F G H J K L I A B C Q R S T
V     V W X U S T Q R N O P M L H J K F G D E C I A B
W     W X U V A B C I T Q R S K L H J P M N O E F G D
X     X U V W G D E F B C I A J K L H R S T Q O P M N
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I = 1234   D= 1234   H= 1234   M= 1234   Q= 1234   U= 1234
    1234       1243       1324       1432       1342       1423

A= 1234   E= 1234   J= 1234   N= 1234   R= 1234   V= 1234
    2341       2431       3241       4321       3421       4231

B= 1234   F= 1234   K= 1234   O= 1234   S= 1234   W= 1234
    3412       4312       2413       3214       4213       2314

C= 1234   G= 1234   L= 1234   P= 1234   T= 1234   X= 1234
    4123       3124       4132       2143       2134       3142
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PROBLEM CORNER No. 3 (contributed by Geoffrey Yates)

Here is an interesting piece of geometry arising from a practical problem with large cables. Consider two equal touching circles with a common tangent. Can you construct a circle to touch both the given circles and also the tangent, using just ruler and compasses? It is easy when you have determined the relationship between the radius of this circle and the radius of the given circles. What if the given circles are unequal?

Solution to Problem Corner No. 2

$x + y + z - 2$ (Lewis Carroll)

HEARING AIDS

Not surprisingly there was a sparse response to the appeal for the deaf students in Newsletter 2. One student offered a golfball via IBM, but this request has now been cancelled. In practice, it is easy enough to type out everything as it is spoke, and it should be far more useful to a deaf student to know exactly how a symbol on the screen actually sounds. One student offered to be a 'writer' but has no tape-recorder, and the OU seems unable or unwilling to supply one. Another enquired how long it takes. Statistics for anyone else who is wondering are:

> Longhand transcript - 25 minutes per 5 mins. of tape
> Typing time - 15 minutes per 5 mins. of tape

M100/Unit 12 has just been done.

CONDITIONAL REGISTRATION MEETING

George Watts reminds us of the Conditional Registration meeting at Southampton CoT on Tuesday May 8th at 7 pm. Volunteers from each course are required, to man little stalls and describe the particular type of hell involved to would-be victims. Let George know if you are willing.

DON'T FORGET

Monday May 21st. 7.30 pm. JOHN MASON at the Bay Tree, Southampton

Come and sort him out, folks! He wants to talk to anyone and everyone who is interested in talking to him.

DATADOPE

Deadline for items to be included in Newsletter 4 is May 12th, and for Newsletter 5 is June 9th. Distribution is now to 40 M202 students and Dr. Elliott, plus counsellors, course tutors, Peter Dewar and Bletchley as listed in Newsletter 2.

TELEPHONE SCHEME

This has now been formally dubbed M.O.U.T.H.S. by Brian Hernen (A301 & A302) who goes around looking for mnemonics. Naomi Mcintosh says 60% of students have telephones - we have 57% membership of Fareham side. Pretty good?