

CERN/TC/PROG 64-11  
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NEW THRESH

1. On May 20th, a new version of THRESH will be used as the production version, and referred to as THRESH 6405.

The change is urged by the "death" of the Mercury Computer and the consequent need replacing the previous "input programme".

The new "input programme" is now a set of subroutines of THRESH 6405. Furthermore, the old Thresh has been slightly modified. The principal effects of these modifications are

- an improvement for reconstructing very curved tracks
- new facilities for the treatment of short, straight tracks
- a faster execution.

2. To run the THRESH 6405 an addition has to be made to Title 1's, which on the other hand is compatible with the previous Thresh.

All Title 1's relative to experiments for which IEP's are used as measuring machines will be automatically corrected, but people making use of other types of measuring machines, or using their own Title 1, are expressly invited to contact Mme Bernasconi before running the programme.

IEP operators are aware of the slight operation modifications needed by the change of programme.

3. For a short period, physicists will have at their disposal the results (Grind, Bake, or Cook ) of their events processed through both the old and the new versions. They may observe some change and will have to consult A.M. Cnops or F. Bruyant for any significant change. After that period, old THRESH will be obsolete.

4. Important rules to be followed for measuring events are mentioned on a separate sheet.

As soon as possible there will be an up-to-date version of the THRESH manual.