



E. I. DU PONT DE NEMOURS & COMPANY
INCORPORATED

WILMINGTON, DELAWARE 19898

CHEMICALS AND PIGMENTS DEPARTMENT
CHESTNUT RUN

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EWStewart/JALamiet
NJKane
GRPatrick
ELCairns

August 24, 1983

INSTRUMENTAL COLOR LIMITS

We set tentative instrumental color limits with F&FP on 2/1 and revised them on 3/16. Your 7/29 request to change the limits on certain inorganics was reviewed on the basis of production data available in the 7/20 color test report. The attached data tabulation and plots show: present F&FP limits (dotted line); limits within which 95% of our visually approved production falls (solid line); your proposed new limits (diagonal areas); and possible other limits (tabulated only--not shown on plot). The dots in the plots each represent a single visually approved lot.

We have not submitted the proposals to F&FP yet and will not do so until all involved have had an opportunity to review them. In this review we suggest several things be considered:

- The F&FP limits will in all likelihood become established for all C&P customers by year-end,
- we are under increasing customer pressure to narrow our limits whether they are realistic or not,
- what will we do with lots which are outside adopted limits?,
- can we adjust the process to bring production within the F&FP limits?, and
- those codes with non-symmetrical distribution around the standard should be restandardized.

We can discuss this in more detail at the 9/15 Standards and Specifications Committee Meeting.

E. L. Cairns
E. L. CAIRNS

ELC/ilc
attachs.

N 26969

TIELab INSTRUMENTAL COLOR LIMITS FOR SELECTED CODES

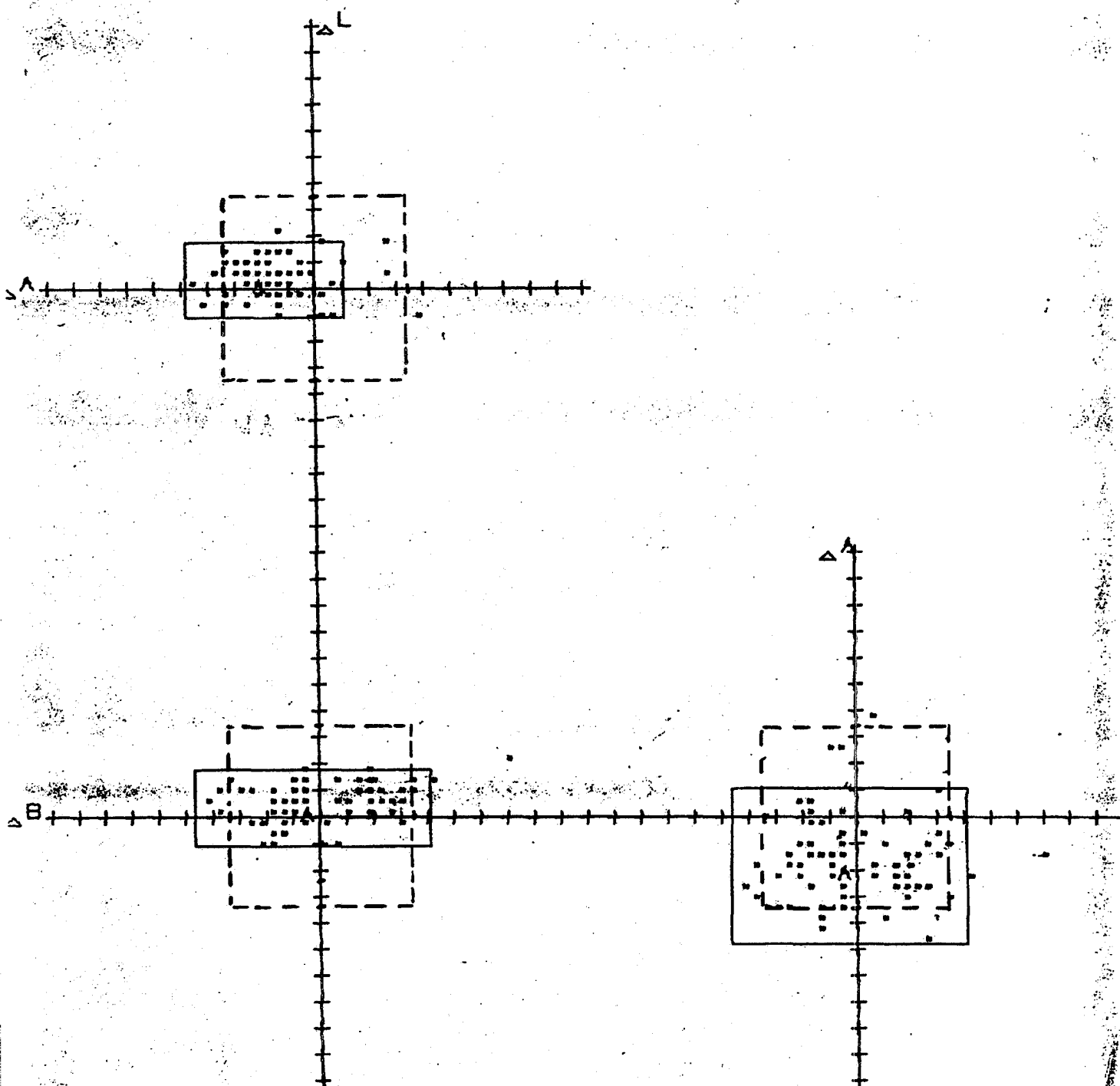
ROMT

ROEX

CODE	+ Δ L - LIGHT DARK	+ Δ A - RED GREEN	+ Δ B - YELLOW BLUE		+ Δ L - LIGHT DARK	+ Δ A - RED GREEN	+ Δ B - YELLOW BLUE
YE-637-D							
3/16 F&FP LIMITS	.8	.8	1.0	1.0	1.0	1.0	
7/20 PRODUCTION (1)	.8	.5	1.2	.6	.8	1.2	
7/29 PROPOSED	.8	.8	1.1	1.1	1.1	1.1	
SUGGESTED	.8	.8	1.2	.8	.8	1.2	
YE-721-D							
3/16 F&FP LIMITS	.8	.8	.8	.8	.8	.8	
7/20 PRODUCTION (1)	.4	.5	.1	1.2	.5	.7	
7/29 PROPOSED	.8	.8	1.1	1.1	1.1	1.1	
SUGGESTED (2)	.	.	.	.	.	.	
YE-690-D							
3/16 F&FP LIMITS	.8	.8	.8	.8	.8	.8	
7/20 PRODUCTION (1)	.4	.3	.2	1.2	1.0	1.2	
7/29 PROPOSED (3)							
SUGGESTED	.8	.8	.6	1.2	1.0	1.0	
NOTES:							
(1) COMPILED FROM COLOR TEST REPORT (CP 427) AS OF 7/20/93 AND REPORTED							
(2) INSUFFICIENT DATA							
(3) WASN'T INCLUDED							

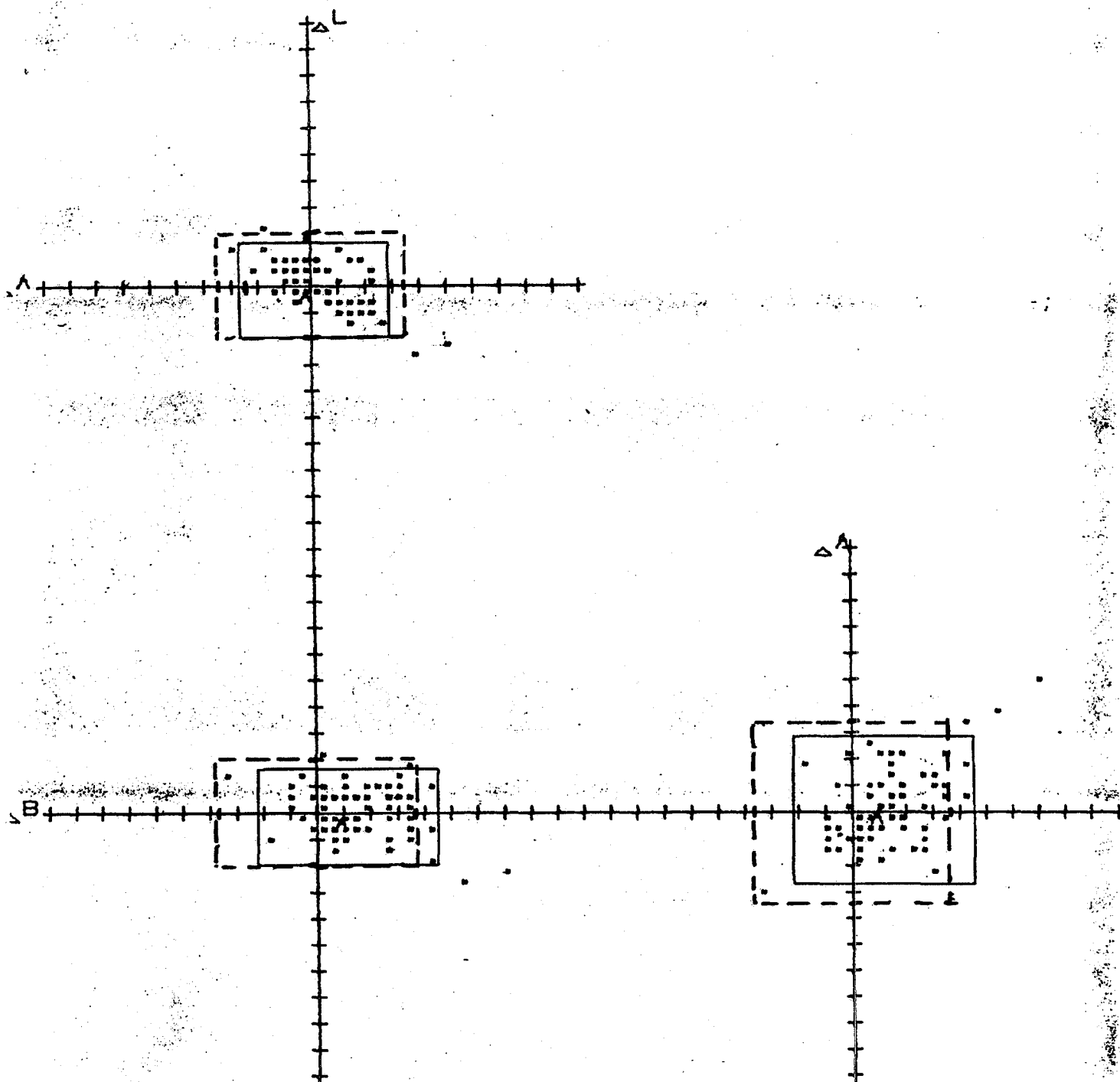
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DUP050146183

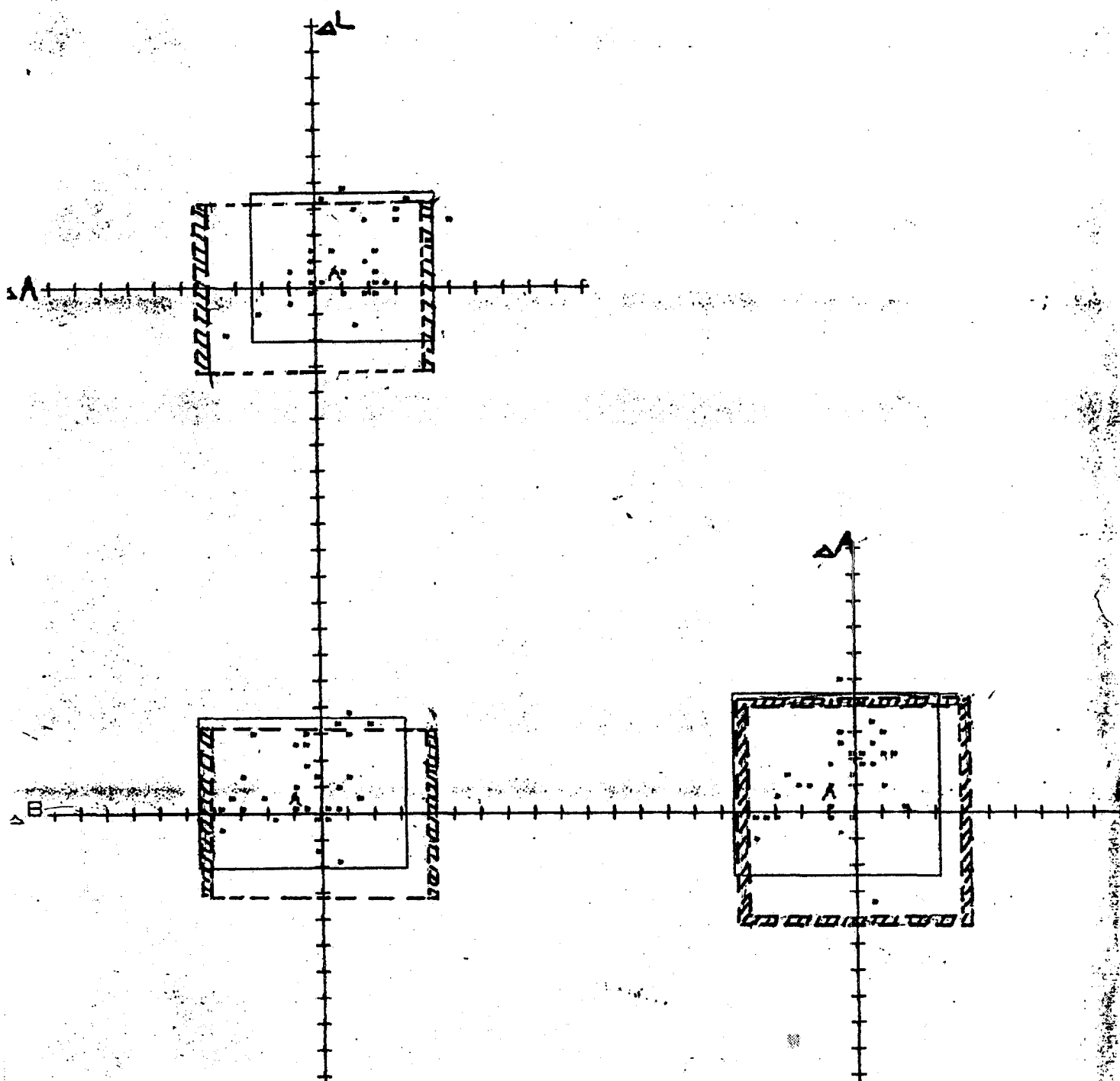


YE 698 ROMT 1

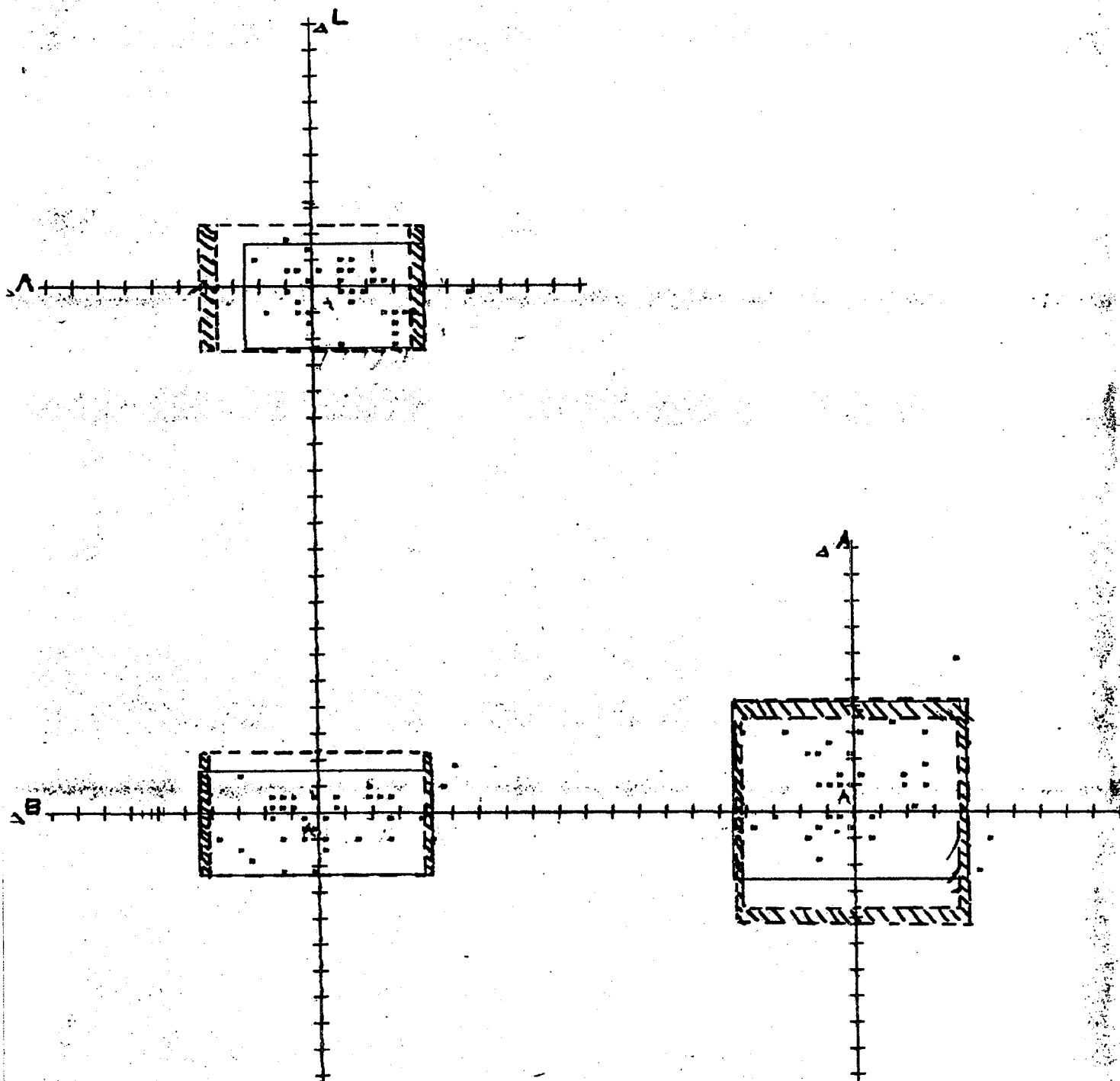
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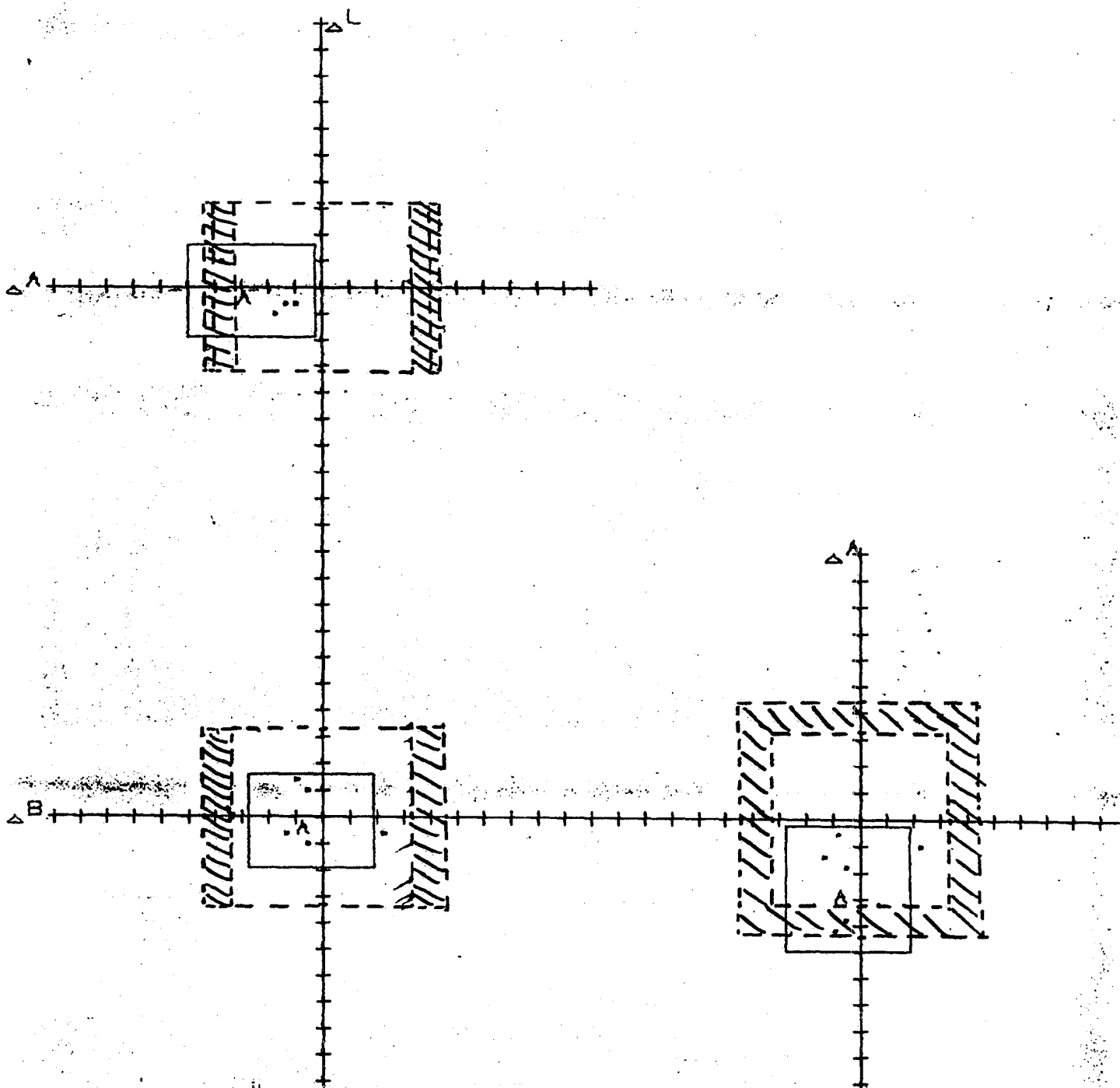
YE 698 ROEX 1



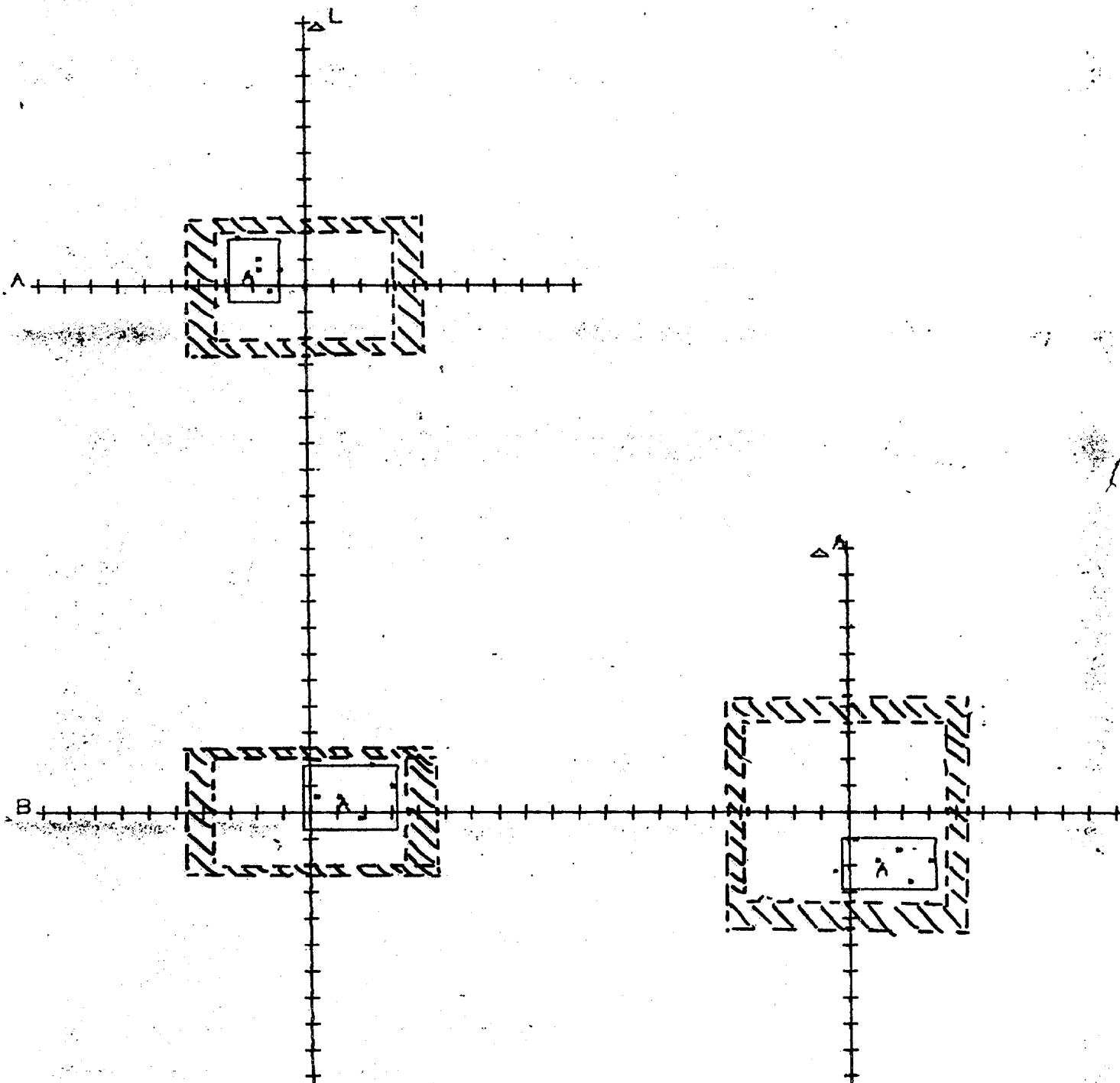
YE 637 ROMT 1



YE 637 ROEX 1



YE 721 ROMT 1



YE 721 ROEX 1