

THE REVIEW OF PHYSICAL CHEMISTRY OF JAPAN

Founded in 1926

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Kimihiko Hara

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THE REVIEW OF PHYSICAL CHEMISTRY OF JAPAN

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**Example of Application with
EMAX-1000 + SEM**

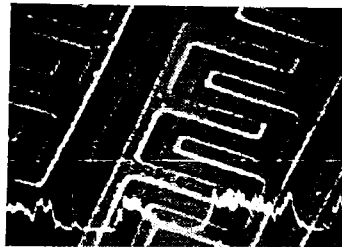


Photo 1 : 700 fold enlargement of an IC. The lower part shows the line analysis of Al. The electron Beam is scanned over the line (scanning time: 80 sec.).



Photo 2: The plan analysis of Photo 1 showing Al distribution.



Photo 3: Background is removed by contrast enhancer.

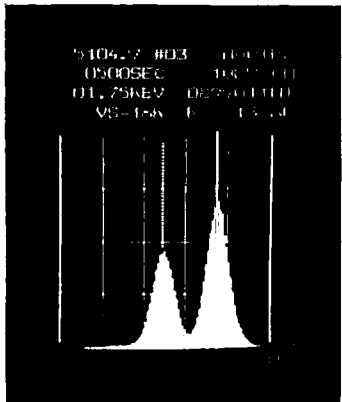
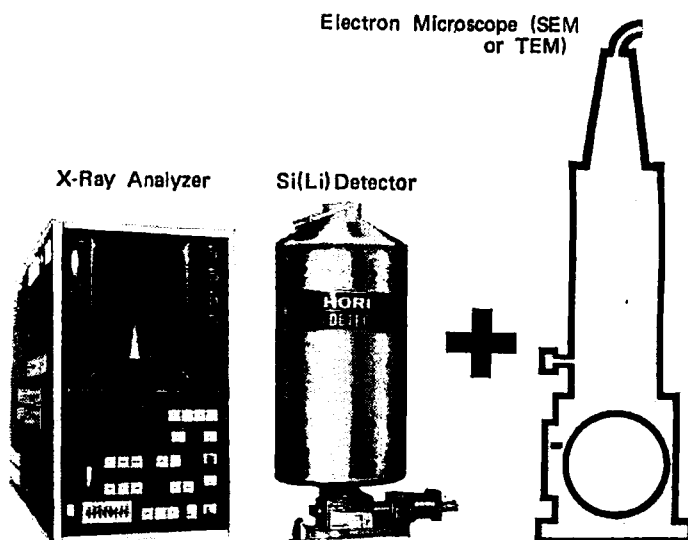


Photo 4: The X-ray analysis of the area shown in Photo 1. The brighter peak is the window-set Al. The adjacent peak is Si.

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multi-elements (^{11}Na - ^{92}U)
in a few tens of seconds.**



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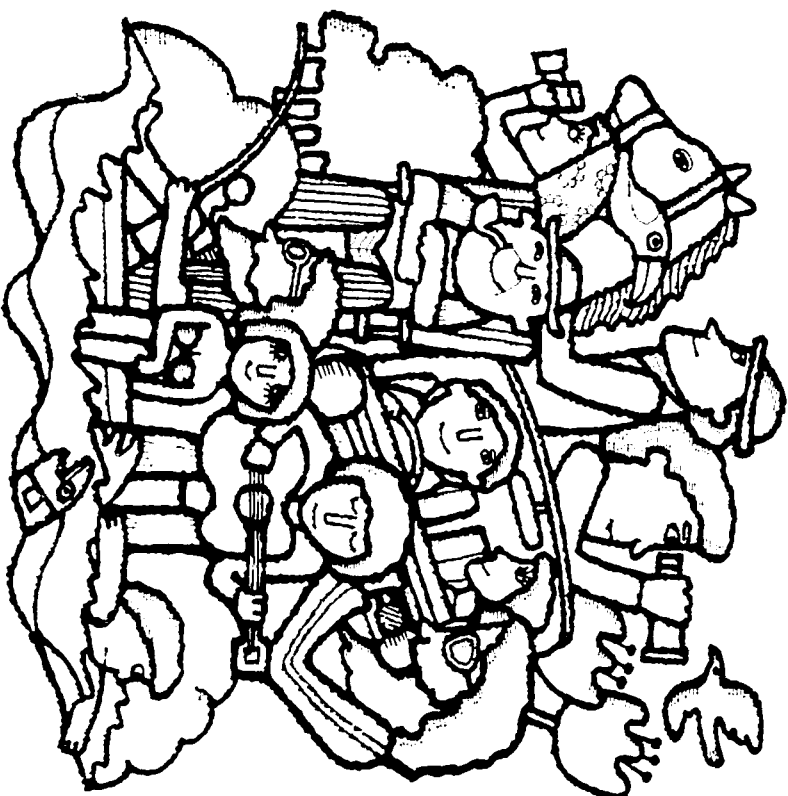
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