





image display function with which the mapping image is displayed on the CRT for controlling the color, and the image processing function with which the mapping image is converted by mathematical treatment such as filtering and contrast enhance-

3.1 Distribution of Mn in Cast Steel

Photo 1 shows the distribution of Mn at the center of the cross section perpendicular to the rolling direction in a cast sample prepared by the method described in Table 1.

ment The image analysis function, includes for mapping result was obtained by stage scanning. The

examined a function for extracting the geometrical center position of high Mn content. The

