KAWASAKI STEEL TECHNICAL REPORT

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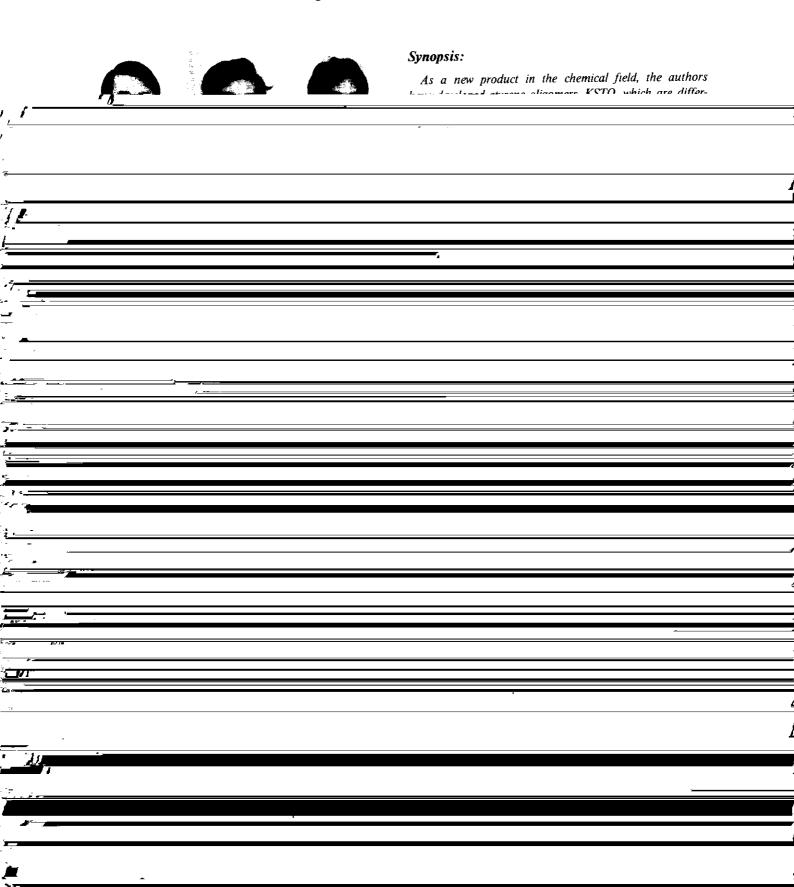
R&D of High-Technology Research Laboratories, Commemorating the 20th Anniversary of the Technical Research Division

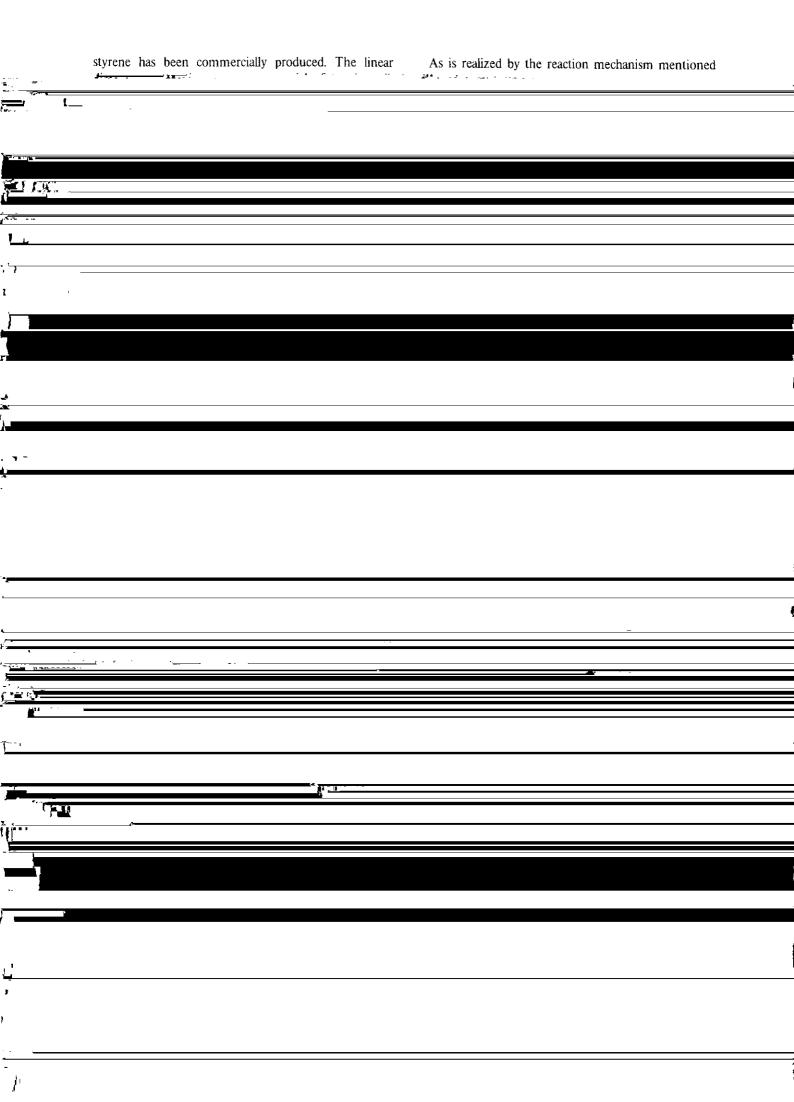
Production Process and Characteristics of Styrene Oligomers

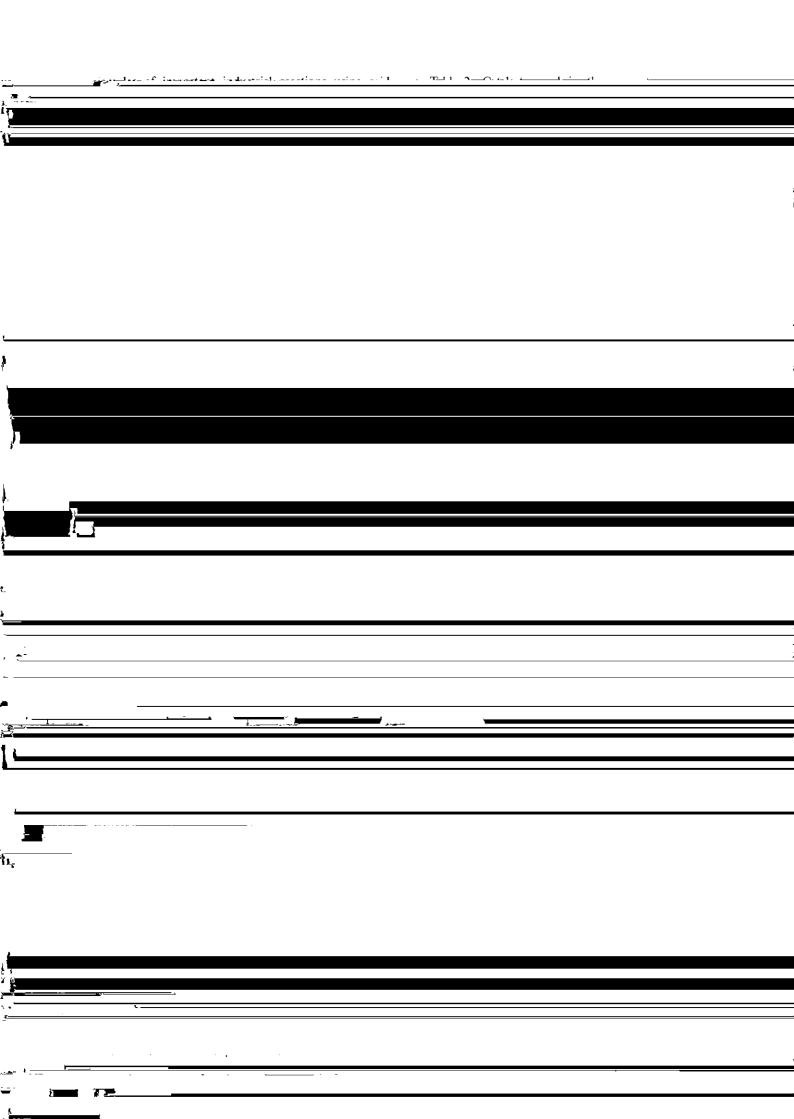
Yoshihiro Naruse, Masahiko Kajioka, Seiji Yamamoto

Synopsis:

Production Process and Characteristics of Styrene Oligomers*







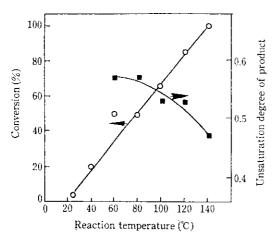


Fig. 2 Relationship between reaction temperature and styrene conversion and unsaturation

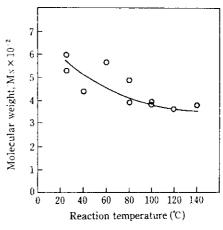


Fig. 3 Effect of reaction temperature on molecular weight (0.8 wt.% N-324 vs styrene; reaction

catalyst of 0.8 wt.% N-324

140°C. The degree of unsaturation evaluated for some products is shown in Fig. 2. It shows that D_u decreases with c_D increases of reaction terrorisms.



