

ON YOUNG FOR BOUNDING LORENZ AND GINI

PIETRO CERONE

SCHOOL OF COMPUTER SCIENCE AND MATHEMATICS, VICTORIA UNIVERSITY, MELBOURNE CITY,
AUSTRALIA

ABSTRACT. The performance of the Young integral inequality is investigated for bounding the Lorenz curve and the Gini index. The study relies on a comparison of reverse Young type integral inequalities. The resulting approximation and bounds for the Lorenz curve and the Gini index are compared with previous results.