

The top graph illustrates the production possibility frontier (PPF) and indifference curves for a Cobb-Douglas production function. The vertical axis represents the number of workers (L) and the horizontal axis represents the number of machines (K). The PPF is a concave curve, and the indifference curves are convex to the origin. The PPF is labeled with the maximum number of workers (L_{max}) and the maximum number of machines (K_{max}). The indifference curves are labeled with the output level (Q).

The bottom graph illustrates the production possibility frontier (PPF) and indifference curves for a Leontief production function. The vertical axis represents the number of workers (L) and the horizontal axis represents the number of machines (K). The PPF is a concave curve, and the indifference curves are L-shaped. The PPF is labeled with the maximum number of workers (L_{max}) and the maximum number of machines (K_{max}). The indifference curves are labeled with the output level (Q).

