

Figure 1. Geometric Location of Two Rectangular Cities when  $\alpha \geq 0$  and  $\beta \geq 0$ .

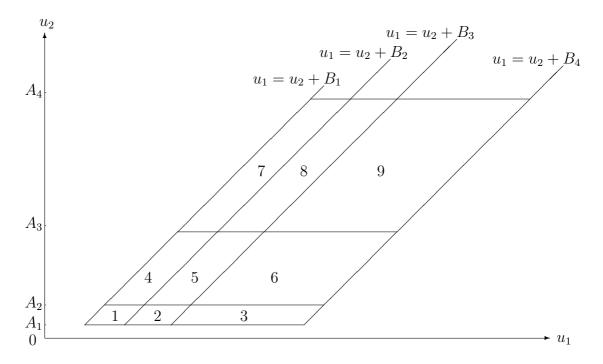


Figure 2. Nine Regions Defined by the Non-zero Part of  $f(u_1, u_2)$  when  $\alpha \geq 0$  and  $\beta \geq 0$ .

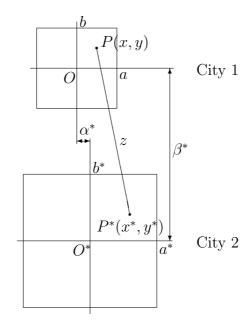


Figure 4. Geometric Location of Two Rectangular Cities when  $\alpha < 0$  and  $\beta \geq 0$ .

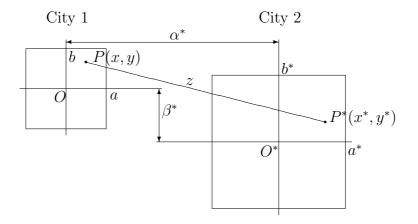


Figure 5. Geometric Location of Two Rectangular Cities when  $\beta < 0$  and  $\alpha \geq 0$ .

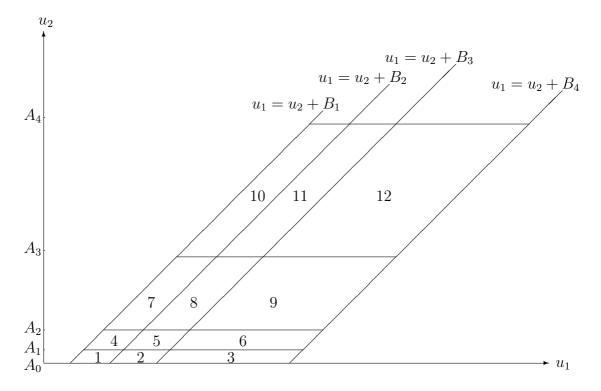


Figure 6. Twelve Regions Defined by the Non-zero Part of  $f(u_1, u_2)$  when  $\alpha < 0$  and  $\beta \ge 0$ .